FINAL SUBMITTAL

ENERGY ENGINEERING ANALYSIS PROGRAM
LIGHTING SURVEY OF SELECTED BUILDINGS
PINE BLUFF ARSENAL
PINE BLUFF, ARKANSAS

VOLUME IID APPENDICES

CONTRACT NO. DACA01-94-D-0038 DELIVERY ORDER NO. 0001

PREPARED FOR:

U.S. ARMY CORPS OF ENGINEERS LITTLE ROCK, ARKANSAS

PREPARED BY:

REYNOLDS, SMITH AND HILLS, INC. ENERGY SERVICES DEPARTMENT P.O. BOX 4850 JACKSONVILLE, FLORIDA 32201

PROJECT NO. 6941331001

DiStricted true

Approved for you've colour

Distribution Unbarity

JUNE 1995

Carlos S. Warren, PhD, PE Project Manager

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DEPARTMENT OF THE ARMY

CONSTRUCTION ENGINEERING RESEARCH LABORATORIES, CORPS OF ENGINEERS P.O. BOX 9005 CHAMPAIGN, ILLINOIS 61826-9005

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Marie Wakeffeld, Librarian Engineering

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DETAIL CALCULATIONS

BLDGS 44-100

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Bldg 44-100 Summary

	Total	Watts	340	11,682	168	793	1,298	649	118			15,048
int System	Number	Fixtures	10	198	3	13	22	11	2			259
Replacement System	Watts/	Fixture	34	69	99	61	59	69	29			
	Fixture	Type	R	F8	FB	FR	8F	W2	W8			Totals
	Total	Watts	12,300	8,840	372	7,134	1,536	1,824	164	675	1,800	34,645
tem	Number	Fixtures	75	65	က	87	16	19	2	6	24	300
Present System	Watts/	Fixture	164	136	124	82	96	96	82	75	75	
-	Fixture	Tvne) 1	14	F2	1 (0	5 -	M4	W.	×	×	Totals

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule Generated by LitePro V2.27E Provided and supported by USI Lighting, Inc. Type: Indoor Filename: 44-100

> Luminaire Fixture Schedule / RESENT Project #6941331

Project name: Lighting survey Prepared for: Corps of Engineers Prepared by: C. Warren

Date: 3-Jan-95 UPD: 1.4W/Sq.Ft

 TYPE	DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS
 F	2'X4' 4L STATIC GRID TROFFER LENS125" NOM PRISMATIC A12 COLUMBIA 2SG440-EXA.125NOM	F40CW ESB	000	75	
F1	2'X4' 3L STATIC GRID TROFFER LENS156" THK PRISMATIC A19 COLUMBIA 2SG340-FH	F40CW ESB	000 - 136	7 65	
F2	2X2 3L FLUSH STATIC TROFFER LENS-PRISMATIC ACRYLIC PATT-12 COLUMBIA 5PS2*-52-223U	F40CW/U/3 ESB	000 - 124 	3	
G	2'X4' 2L STATIC GRID TROFFER LENS125" THK PRISMATIC A12 COLUMBIA 2SG240-EXA.125NOM	F40CW ESB	000 - 82	87	
J	7"X4' 2L WET LOCATION WRAP LENS- PRISMATIC BOTTOM & SIDES COLUMBIA LUN240-WL	F40CW STD	96	16	
M4	9"X4' 2L SURFACE TURRET STRIP OPEN BOTTOM- NO SHIELDING COLUMBIA K240-T	F40CW STD	96	19	
W1	5"X4"X4' 2L WALL CORRIDOR WRAP LENS- SMOOTH WHITE ACRYLIC COLUMBIA W240-A	F40CW ESB	000	2	
x	8" PENDANT CYLINDER DOWNLIGHT OPEN- BLACK BAFFLE PRESCOLITE 1128-930	75A19/SW NA	000 - 75	9	
.1	8" PENDANT CYLINDER DOWNLIGHT OPEN- BLACK BAFFLE PRESCOLITE 1128-930	75A19/SW NA	000	24	

44-100 Schedule

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 44-100 Type: Indoor

Luminaire Fixture Schedule / PROPOSED

Project name: Lighting survey Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 13-Mar-95 UPD: 0.6W/Sq.Ft

TYPE	DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS
CF	8"1L(VERT)RECESS ROUND DOWNLTE OPEN- CLEAR ALZAK REFLECTOR PRESCOLITE CF123526-462	F26DTT/27K STD	000 - 34	8	20 w sevenius
8	2X4 2L FLUSH STATIC TROFFER LENS-PRISMATIC ACRYLIC PATT-19 COLUMBIA T84PS2*-84-242-2EOCT	FO32/31K EOCT	000 - 59	154	
FB	2X2 2L FLUSH STATIC TROFFER LENS125"THK PRISMATIC A12 COLUMBIA 5PS2*-52.125-222-EO	FBO31/35K EOCT	000 - 56 	3	
FR	2X4 ACRYLIC LENSED TROFFER SILVER ECONOMY REFLECTOR METALOPTICS 24EKSO42EP11	FO32/35K EOCT	61	13	
J8	7"X4' 2L WET LOCATION WRAP LENS- PRISMATIC BOTTOM & SIDES COLUMBIA LUN240-WL	FO32/35K EOCT	000 - 59	8	
W2	10"X4'2L CEILING MT.WRAPAROUND LENS- PRISMATIC W/ GLOW ENDS COLUMBIA WC240-A	FO32/35K EOCT	000 - 59	8	
w8	5"X4"X4' 2L WALL CORRIDOR WRAP LENS- SMOOTH WHITE ACRYLIC COLUMBIA W240-A	FO32/35K EOCT	59	2	

NOTES:

44-100A Schedule

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 44-100A Type: Indoor

Luminaire Fixture Schedule / PROPOSED

Project name: Lighting survey Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 13-Mar-95 UPD: 0.7W/Sq.Ft

			77 /73	QTY	REMARKS
TYPE	DESCRIPTION	LAMP/BALLAST	V/W		
CF	8"1L(VERT)RECESS ROUND DOWNLTE OPEN- CLEAR ALZAK REFLECTOR PRESCOLITE CF123526-462	F26DTT/27K STD	000 - 34 	2	
O ³	2X4 2L FLUSH STATIC TROFFER LENS-PRISMATIC ACRYLIC PATT-19 COLUMBIA T84PS2*-84-242-2EOCT	FO32/31K EOCT	000 - 59 	44	
J8	7"X4' 2L WET LOCATION WRAP LENS- PRISMATIC BOTTOM & SIDES COLUMBIA LUN240-WL	FO32/35K EOCT	000 - 59	14	
W2	10"X4'2L CEILING MT.WRAPAROUND LENS- PRISMATIC W/ GLOW ENDS COLUMBIA WC240-A	FO32/35K EOCT	000 - 59	3	

NOTES:

44-100 Areas

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Area Summary
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 44-100 Type: Indoor

Project Area Summary

Project name: Lighting survey Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 13-Mar-95 UPD: 0.9W/Sq.Ft

AREA NAME	DIMENSIONS	LUN	MINAIRES	W/SQ.FT	QTY
CAFETERIA	60x109x9Ft	(64)	Type F1 Type F2	1.4	1
CAFETERIA-N	60x109x9Ft	(54)	Type F8 Type FB	0.5	1
FETERIA OFC	20x16x8Ft	(8)	Туре F	4.1	1
CAFETERIA OFC-N	20x16x8Ft	(6)	Type F8	1.1	1
CAFETERIA CONF	20x12x8Ft	(4)	Type F	2.7	1
CAFET. CONF-N	20x12x8Ft	(2)	Type F8	0.5	1
CAFETERIA OFC	12x20x8Ft	(3)	Type F Type F1	2.6	1
CAFETERIA OFC-N	12x20x8Ft	(3)	Туре F8	0.7	1
HALL, RESTROOMS	12x19x9Ft	(5)	Туре Х	1.6	1
HALL, RESTRMS-N	12x19x9Ft	(5)	Type CF	0.7	1
ENG/PM OFFICE	12x10x8Ft	(2)	Type F	2.7	2
ENG/PM OFFICE-N	12x10x8Ft	(2)	Type FR	1.0	2
ADMIN AREA	19x30x8Ft	(9)	Туре F	2.6	1
ADMIN AREA-N	19x30x8Ft	(9)	Type F8	0.9]
IRECTOR OFFICE	12x20x8Ft	(4)	Type F	2.7	1
DIRECTOR OFFC-N	12x20x8Ft	(4)	Type F8	1.0	
COFFEE ROOM	13x12x8Ft	(2)	Type F	2.1	

Page 2

4-100 Areas FFEE ROOM-N	13x12x8Ft	(2)	Type F8	0.8	1
CAD OFFICE	13x10x8Ft	(2)	Туре F	2.5	1
CAD OFFICE-N	13x10x8Ft	(2)	Type F8	0.9	1
OFFICE 1	14x11x8Ft	(3)	Туре F	3.2	1
OFFICE 1-N	14x11x8Ft	(3)	Type FR	1.2	1
OFFICE 2/STAT	10x11x8Ft	(2)	Туре F	3.0	2
OFFICE 2/STAT-N	10x11x8Ft	(2)	Туре F8	1.1	2
OFFICE HALL	22x4x8Ft	(2)	Туре F	3.7	1
OFFICE HALL-N	22x4x8Ft	(2)	Type F8	1.3	1
MAIN HALL	59x54x9Ft	(7		Type G Type X	0.2	1
MAIN HALL-N	59x54x9Ft	(1	-	Type CF Type F8	0.1	1
MAIN OFFICE	15x30x8Ft	(6	5)	Туре G	1.1	1
IN OFFICE-N	 15x30x8Ft	(6	5)	Type FR	0.8	1
MAIN RESTROOMS	5x7x9Ft	(1	L)	Туре Х	2.1	2
MAIN RESTROOM-N	5x7x9Ft	(1	L)	Type CF	1.0	2
OFFICE 3	12x30x8Ft	(!	5)	Type F	2.3	1
OFFICE 3-N	12x30x8Ft	(!	5)	Type F8	0.8	1
MEN'S NEW LR	40x42x8Ft	(:	13)	Type G	0.6	1
MEN'S NEW LR-N	40x42x8Ft	(13)	Type F8	0.5	1
LR ALCOVE	6x11x8Ft	(1)	Туре G	1.2	1
LR ALCOVE-N	6x11x8Ft	(1)	Type F8	0.9	1
MEN'S NEW SHWR	18x30x8Ft		5) 2)	Type G Type W1	1.1	
MENS NEW SHWR-N	18x30x8Ft	1 '	4) 2)	Type F8 Type W8	0.7	
MEN'S OLD LR	60x49x8Ft		36)	Type G	1.0	
EN'S OLD LR-N	60x49x8Ft		36)	Type F8	0.1	7
LOCKER HALL	60x9x8Ft	, ,	8) 1)	Type M4 Type X	1.0	6

Page 3 44-100 Areas

44-100 Alcas					
LOCKER RESTROOM	30x16x8Ft	(8)	Type M4	1.6	1
	30x16x8Ft	(4)	Type W2	0.5	1
	28x11x8Ft	(4)	Type J	1.2	2
	28x11x8Ft	(4)	Type J8	0.8	2

NOTES:

44-100A Areas

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Area Summary
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 44-100A Type: Indoor

Project Area Summary

Project name: Lighting survey Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331

Date: 13-Mar-95 UPD: 1.2W/Sq.Ft

AREA NAME	DIMENSIONS	 LUM	INAIRES	W/SQ.FT	QTY
WOMEN'S LR	32x4x8Ft	(8)	Туре Ј	6.0	1
WOMEN'S LR-N	32x4x8Ft	(6)	Туре Ј8	2.8	1
	29x10x8Ft	(14)	Type X1	3.6	1
WOMEN'S SHWR 1	29x10x8Ft	(5)	Type J8	1.0	1
MENS SHWR 1-N	31x11x8Ft	(10)	Type X1	2.2	1
WOMEN'S SHWR 2		(2)	Type CF	0.7	1
WOMENS SHWR 2-N	31x11x8Ft	(3)	Type J8		
WOMEN'S LOUNGE	20x18x8Ft	(4)	Туре G	0.9	1
WOMENS LOUNGE-N	20x18x8Ft	(4)	Type F8	0.7	1
LOUNGE RESTRM	32x12x8Ft	(3)	Type M4	0.8	1
LOUNGE RESTRM-N	32x12x8Ft	(3)	Type W2	0.5	1
SUPPLY STORAGE	29x17x8Ft	(8)	Type G	1.3	1
SUPPLY STORN	29x17x8Ft	(8)	Type F8	1.0	1
SUPPLY FILING	60x41x8Ft	(23)	Туре F	1.5	1
SUPPLY FILING-N	60x41x8Ft	(23)	Type F8	0.6	1
SUPPLY OFFICE	30x20x8Ft	(2)	Type F	1.5	1
		_ (7) 	Туре G		
_UPPLY OFFICE-N	30x20x8Ft	(9) 	Type F8	0.9) 1

44-100 Calculations

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Calculation Summary
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 44-100 Type: Indoor

Project Calculation Summary

Project name: Lighting survey Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 13-Mar-95 UPD: 0.9W/Sq.Ft

AREA NAME	DIMENSIONS	GRID NAME	AVE		MAX	MIN
CAFETERIA	60x109x9Ft	Ceiling	<+>	48.6	104.8	15.5
CAFETERIA-N	60x109x9Ft	Ceiling	<+>	32.0	76.7	0.0
AFETERIA OFC	20x16x8Ft	Ceiling	<+>	133.9	191.5	62.4
CAFETERIA OFC-N	20x16x8Ft	Ceiling	<+>	51.5	67.6	27.7
CAFETERIA CONF	20x12x8Ft	Ceiling	<+>	89.8	165.6	31.1
CAFET. CONF-N	20x12x8Ft	Ceiling	<+>	23.6	46.0	6.4
CAFETERIA OFC	12x20x8Ft	Ceiling	<+>	82.3	161.5	21.8
CAFETERIA OFC-N	12x20x8Ft	Ceiling	<+>	34.5	59.0	11.8
HALL, RESTROOMS	12x19x9Ft	Ceiling	<+>	16.1	97.2	0.0
HALL, RESTRMS-N	12x19x9Ft	Ceiling C.U. CALC	<+>	6.4 16.3	13.8	0.1
ENG/PM OFFICE	12x10x8Ft	Ceiling	<+>	63.7	98.2	36.2
ENG/PM OFFICE-N	12x10x8Ft	Ceiling	<+>	37.6	57.7	21.7
ADMIN AREA	19x30x8Ft	Ceiling	<+>	74.7	113.8	10.5
ADMIN AREA-N	19x30x8Ft	Ceiling	<+>	38.7	58.7	5.3
DIRECTOR OFFICE	12x20x8Ft	Ceiling	<+>	78.8	145.7	24.9
IRECTOR OFFC-N	12x20x8Ft	Ceiling	<+>	41.1	76.5	12.8
COFFEE ROOM	13x12x8Ft	Ceiling	<+>	52.9	93.8	20.4

Page 2

44-100 Calculations FFEE ROOM-N	13x12x8Ft	Ceiling	<+>	27.7	50.0	10.7
CAD OFFICE	13x10x8Ft	Ceiling	<+>	59.4	98.4	28.9
CAD OFFICE-N	 13x10x8Ft	Ceiling	<+>	31.1	52.5	15.1
OFFICE 1	14x11x8Ft	Ceiling	<+>	75.4	146.1	24.6
OFFICE 1-N	14x11x8Ft	Ceiling	<+>	44.3	83.8	15.5
OFFICE 2/STAT	10x11x8Ft	Ceiling	<+>	66.7	118.8	29.0
OFFICE 2/STAT-N	10x11x8Ft	Ceiling	<+>	35.1	62.2	15.1
OFFICE HALL	22x4x8Ft	Ceiling	<+>	56.1	78.1	27.4
OFFICE HALL-N	22x4x8Ft	Ceiling	<+>	29.1	40.5	14.3
MAIN HALL	59x54x9Ft	Ceiling	<+>	4.9	113.9	0.0
MAIN HALL-N	59x54x9Ft	Ceiling	<+>	4.4	49.5	0.0
MAIN OFFICE	15x30x8Ft	Ceiling	<+>	38.2	52.7	22.4
AIN OFFICE-N	15x30x8Ft	Ceiling	<+>	40.9	57.3	23.7
MAIN RESTROOMS	5x7x9Ft	Ceiling	<+>	15.8	87.2	0.6
MAIN RESTROOM-N	5x7x9Ft	Ceiling	<+>	7.3	13.7	4.7
OFFICE 3	12x30x8Ft	Ceiling	<+>	72.7	108.7	35.2
OFFICE 3-N	12x30x8Ft	Ceiling	<+>	37.4	55.9	17.8
MEN'S NEW LR	40x42x8Ft	Ceiling	<+>	25.8	44.8	9.2
MEN'S NEW LR-N	40x42x8Ft	Ceiling	<+>	23.5	43.0	7.3
LR ALCOVE	6x11x8Ft	Ceiling	<+>	29.8	45.7	16.6
LR ALCOVE-N	6x11x8Ft	Ceiling	<+>	28.1	43.9	15.3
MEN'S NEW SHWR	18x30x8Ft	Ceiling	<+>	29.6	80.3	0.0
MENS NEW SHWR-N	18x30x8Ft	Ceiling	<+>	22.1	50.1	0.0
MEN'S OLD LR	60x49x8Ft	Ceiling	<+>	42.8	57.9	10.4
MEN'S OLD LR-N	60x49x8Ft	Ceiling	<+>	39.0	52.1	9.0
OCKER HALL	60x9x8Ft	Ceiling	<+>	27.4	92.6	0.0
LOCKER HALL-N	60x9x8Ft	Ceiling	<+>	12.4	30.2	0.0
LOCKER RESTROOM	30x16x8Ft	Ceiling	<+>	36.7	53.2	15.9
			(1	1

Page 3 44-100 Calculations CKER RESTRM-N	30x16x8Ft	Ceiling	<+>	18.2	38.7	4.1
MEN'S OLD SHWR	28x11x8Ft	Ceiling	<+>	22.6	36.2	12.2
MENS OLD SHWR-N	28x11x8Ft	Ceiling	<+>	20.2	32.3	10.9
NOTES:						!

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44-100A Calculations

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Calculation Summary
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 44-100A Type: Indoor

Project Calculation Summary

Project name: Lighting survey Prepared for: Corps of Engineers

Prepared by: C. Warren

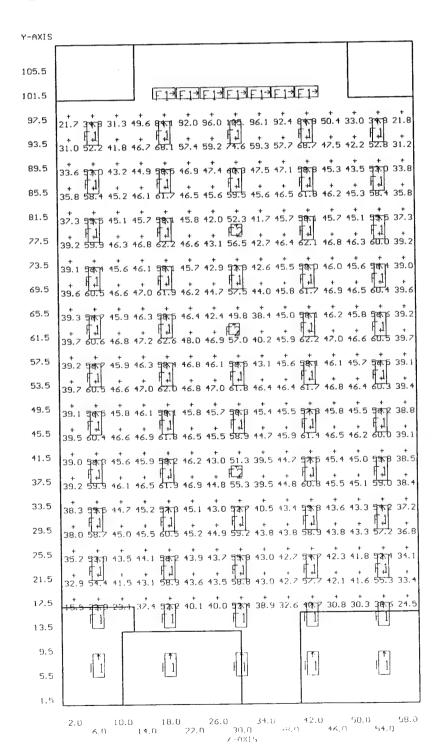
Project #6941331 Date: 13-Mar-95 UPD: 1.2W/Sq.Ft

AREA NAME	DIMENSIONS	GRID NAME	AVE		MAX	MIN
WOMEN'S LR	32x4x8Ft	Ceiling	<+>	63.6	73.8	47.8
WOMEN'S LR-N	32x4x8Ft	Ceiling	<+>	41.1	49.5	31.9
OMEN'S SHWR 1	29x10x8Ft	Ceiling	<+>	12.5	17.2	8.9
WOMENS SHWR 1-N	29x10x8Ft	Ceiling	<+>	18.4	31.2	9.0
WOMEN'S SHWR 2	31x11x8Ft	Ceiling	<+>	10.1	96.6	0.0
WOMENS SHWR 2-N	31x11x8Ft	Ceiling	<+>	13.1	27.7	0.1
WOMEN'S LOUNGE	20x18x8Ft	Ceiling	<+>	24.1	70.0	0.0
WOMENS LOUNGE-N	20x18x8Ft	Ceiling	<+>	22.3	65.2	0.0
LOUNGE RESTRM	32x12x8Ft	Ceiling	<+>	16.8	26.2	8.1
LOUNGE RESTRM-N	32x12x8Ft	Ceiling	<+>	16.4	30.1	5.0
SUPPLY STORAGE	29x17x8Ft	Ceiling	<+>	45.6	58.5	28.3
SUPPLY STORN	29x17x8Ft	Ceiling	<+>	42.0	52.9	25.9
SUPPLY FILING	60x41x8Ft	Ceiling	<+>	54.0	90.1	4.9
SUPPLY FILING-N	60x41x8Ft	Ceiling	<+>	27.7	46.6	2.2
SUPPLY OFFICE	30x20x8Ft	Ceiling	<+>	49.4	168.0	3.9
UPPLY OFFICE-N	30x20x8Ft	Ceiling	<+>	39.2	97.2	3.1

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:06 30-Dec-94 PROJECT: 44-100 AREA: CAFETERIA GRID: Ceiling Values are FC, SCALE: 1 IN= 16.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=15.5 MAX=105. AUE=48.6 AUE/MIN= 3.13 MAX/MIN= 6.75

F1 $\langle 64 \rangle$ = K8839 COLUMBIA 2SG340-FH, (3) F40CW, LLF= 0.68 F2 $\langle 3 \rangle$ = 9209 COLUMBIA 5PS2*-52-223U, (3) F40CW/U/3, LLF= 0.68



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:33 13-Mar-95 PROJECT: 44-100 AREA: CAFETERIA-N GRID: Ceiling Values are FC, SCALE: 1 IN= 20.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.00 MAX=76.7 AUE=32.0 AUE/MIN=N/A MAX/MIN=N/A

F8 $\langle 54 \rangle$ = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66 FB $\langle 3 \rangle$ = L11164 COLUMBIA 5PS2*-52.125-222-E0, (2) FB031/35K, LLF= 0.66

CONTOUR LEVELS: A= 50.0 B= 40.0 C= 30.0 D= 20.0 E= 10.0 Y-AXIS 105.5 101.5 97.5 93.5 89.5 85.5 81.5 77.5 73.5 69.5 65.5 61.5 57.5 53.5 49.5 FEE STATE OF THE S 45.5 41.5 F[3] 個 37.5 33.5 F8 f 8 29.5 25.5 21.5 17.5 13.5 9.5 5.5

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:43 30-Dec-94 DROJECT: 44-100 AREA: CAFETERIA OFC GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ 3RID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

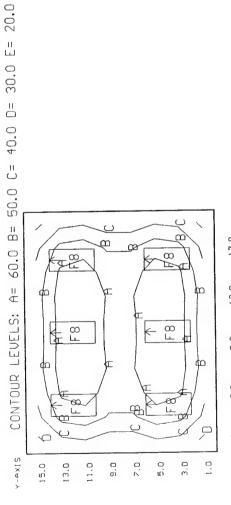
3.07 2.15 MAX/MIN= AUE/MIN= AUE=134. MAX=191. + MIN=62.4

7 <8> = K7952 COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68

3.0 5.0 9.0 13.0 15.0 19.0 x-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:41 13-Mar-95 PROJECT: 44-100 AREA: CAFETERIA OFC-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

2.44 1.86 MAX/MIN= AUE/MIN= AUE=51.5 MAX=67.6 + MIN=27.7 = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66 <9 × 8 ±



1.0 5.0 9.0 13.0 17.0 19.0 19.0 x-AXIS

USI'S LITE*PRO U2.27E Point-By-Point Numeric Output 15:47 30-Dec-94 PROJECT: 44-100 AREA: CAFETERIA CONF GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

5.32 2.88 MAX/MIN= AUE/MIN= AUE=89.8 MAX=166. + MIN=31.1

r <4> = K7952 COLUMBIA 2SG440-EXA.125NOM, <4) F40CW, LLF= 0.68

<--FX:5

3.0 51.1 7.5 5 95.4 109. 112. 112. 109. 95.4 7.5 51.1 7.0 5.0 7.1 113. 142.4 51.9 56.7 58.6 58.6 56.7 51.9 42.4 31.1 7.0 7.0 51.1 7.7 5 95.4 109. 112. 112. 1109. 95.4 7.7 5 51.1 7.0 7.0 70.1 113. 147. 161. 146. 166. 166. 161. 147. 13. 70.1 3.0 5.0 5.1 17.5 95.4 109. 112. 112. 1109. 95.4 7.5 51.1 1.0 51.1 7.5 95.4 109. 112. 112. 1109. 95.4 7.5 51.1 1.0 31.1 42.4 51.9 56.7 58.6 58.6 56.7 51.9 42.4 31.1

1.0 5.0 9.0 11.0 15.0 19.0 19.0 x-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:45 13-Mar-95 PROJECT: 44-100 AREA: CAFET. CONF-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=6.41 MAX=46.0 AUE=23.6 AUE_MIN= 3.67 MAX_MIN=

F8 <2> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

9.0 6.41 10.8 14.8 15.7 14.2 14.2 15.7 14.8 10.8 6.41
9.0 9.71 20.6 29.6 30.9 27.2 27.2 37.9 29.6 20.6 9.71
7.0 13.3 29.7 44 446.0 39.8 39.8 46 6 44.4 29.7 13.3
9.0 13.3 29.7 44 446.0 39.8 39.8 46 6 44.4 29.7 13.3
9.0 9.71 20.6 29.6 30.9 27.2 27.2 30.9 29.6 20.6 9.71
1.0 6.41 10.8 14.8 15.7 14.2 14.2 15.7 14.8 10.8 6.41

3.0 5.0 9.0 13.0 15.0 19.0 X-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:14 30-Dec-94 PROJECT: 44-100 AREA: CAFETERIA OFC GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

La terra Appen

+ MIN=21.8 MAX=162. AUE=82.3 AUE/MIN= 3.77 MAX/MIN= 7.41

F $\langle 3 \rangle$ = K7952 COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68 F1 $\langle 1 \rangle$ = K8839 COLUMBIA 2SG340-FH, (3) F40CW, LLF= 0.68

Y-AXIS

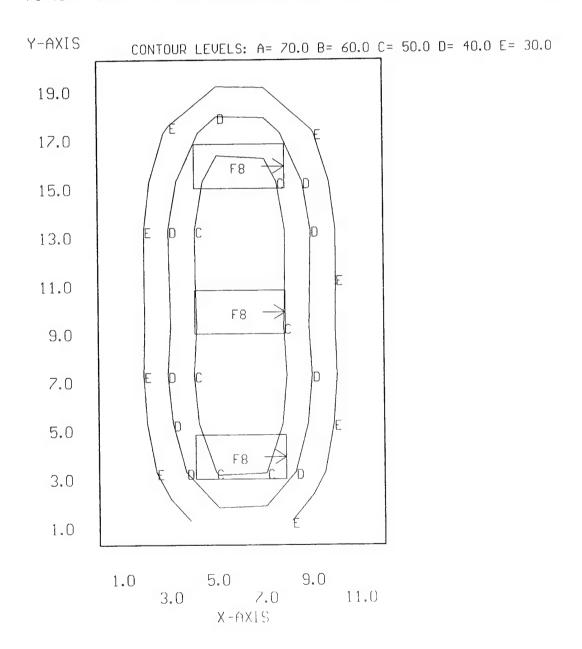
Formal Balling Commence

19.0	+ 47.3	82.7	118. _F	118	+ 82.7	+ 47.3
17.0	+ 54.7	+ 102.	150.	150.	+ 102.	+ 54.7
15.0	+ 57.6	110.	162. _F	162	† 110.	+ 57.6
13.0	+ 57.2	+ 109.	161.	161.	+ 109.	+ 57.2
11.0	+ 54.3	+ 103.	151. _F	151	+ 103.	+ 54.3
9.0	+ 48.1	89.8	132.	132.	* 89.7	+ 48.0
7.0	+ 42.2	+ 77.1	110.	109.	† 76.7	+ 42.0
5.0	+ 35.7	64.7	93.9	193.6	64.1	+ 35.4
3.0	+ 29.7	51.4	+ 72.7	+ 72.4	51.0	29.4
1.0	22.0	+ 34.6	45.9	+ 45.7	34.3	21.8
	1.0	3.0	5.0	7.0	9.0	11.0
	X-AXIS					

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:50 13-Mar-95 PROJECT: 44-100 AREA: CAFETERIA OFC-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=11.8 MAX=59.0 AUE=34.5 AUE/MIN= 2.93 MAX/MIN= 5.01

F8 $\langle 3 \rangle$ = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:29 30-Dec-94 PROJECT: 44-100 AREA: HALL, RESTROOMS GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.02 MAX=97.2 AUE=16.1 AUE/MIN= 628.97 MAX/MIN=3802.21

X (5) = B1073A PRESCOLITE 1128-930, (1) 75A19/SW, LLF = 0.77

Y-AXIS						
18.5	+ 0.41	+ 10.2	+ 5.70	+ 0.38	0.25	0.24
16.5	* 3.00	+ (x) 97.2	61.4	+ 0.34	+ 4.29	+ 3.45
14.5	+ 0.43	+ 9.15	+ 5.01	+	70.EX	60.5
12.5	1				+ 26.4	
10.5	+ 3.25	+ € 95.3) + 54.1	+ 0.28	+ 0.55	+ 0.49
8.5	+	+ 8.05	+ 4.92	+	+ 0.46	+ 0.47
6.5	0.03	+ 0.03	+	+	+ 2.20	+ 1.35
4.5	0.37	_		+ 0.31	+ 62.&	+ •) 48.8
2.5	+ 3.51	+ (X) 95.1) 51.7	+ 0.33	+ 38.5	+ 28.3
0.5	+ 0.40	+ 7.42	+ 4.29	+	0.46	+ 0.40
	1.0	3.0	5.0 X-f	7.0	9.0	11.0

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:55 13-Mar-95 PROJECT: 44-100 AREA: HALL, RESTRMS-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0F1, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.05 MAX=13.8 AUE=6.35 AUE/MIN= 124.33 MAX/MIN= 269.83

CF (5) = B1777A PRESCOLITE CF123526-462, (1) F26DTT/27K, LLF= 0.50

Y-AXIS

18.5	+ 4.71	+ 7.43	+ 6.78	+ 3.73	+ 2.74	+ 2.69
16.5	+ 5.67	+ 😭 13.8	+ 11.6	+ 4.81	+ 5.74	+ 5.64
14.5	+ 4.69	+ 7.34	+ 6.67	+ 4.12	12.6I	11.8
12.5	+ 4.68	8.33	+ 7 . 26	+ 4.12	+ 9.55	+ 9.13
10.5	+ 5.42	+ 🗭 13.4	+ 10.9	+ 4.56	+ 5.33	+ 5.27
8.5	+ 4.11	+ 6.25	+ 5.70	+ 3.52	+ 4.28	+ 4.17
6.5	+	+	+ 0.05	+ 0.05	+ 6.08	+ 5.85
4.5	4.70	+ 8.55	+ 7.32	+ 3.97	+ 12.4	+
2.5	1	+ D 13.4				
0.5	+ 4.19	+ 6.11	+ 5.56	+	4.60	+ 4.56
	1.0		5.0	7.0		11.0

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:40 30-Dec-94 PROJECT: 44-100 AREA: ENG/PM OFFICES GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=36.2

MAX = 98.2

AUE=63.7

AUE/MIN= 1.76 MAX/MIN=

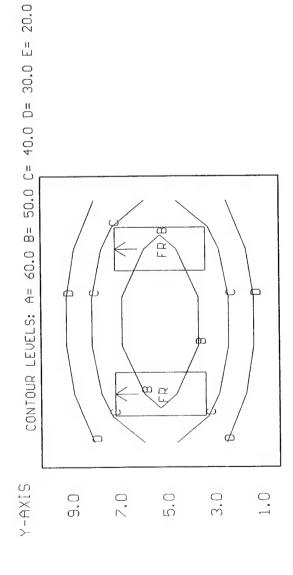
2.71

 $F \langle 4 \rangle = K7952$ COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68

Y-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:02 13-Mar-95 PROJECT: 44-100 AREA: ENG/PM OFFICE-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations AUE.MIN= 1.73 MAX.MIN= 2.66 AUE=37.6 MAX=57.7 + MIN=21.7

FR <4> = T10620 METALOPTICS 24EKS042EP11, (2) F032/35K, LLF= 0.69



1.0 5.0 9.0 3.0 7.0 11.0 X-AXIS USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:50 30-Dec-94 PROJECT: 44-100 AREA: ADMIN AREA GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

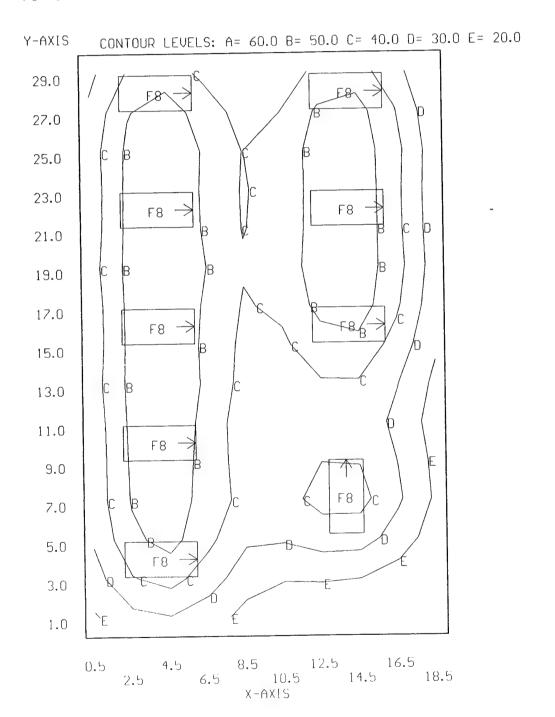
+ MIN=10.5 MAX=114. AUE=74.7 AUE/MIN= 7.09 MAX/MIN= 10.81

F (9) = K7952 COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68

Y-AXIS 3.4 80.9 90.3 5.6 60.8 66.1 84.4 88.5 67.4 39 27.0 1.7 94.1 105. 87.9 70.2 76.7 98.4 103. 78.2 45. 25.0 6.3 99.0 110. 93.3 75.5 82.1 103. 108. 83.1 48. 6.4 101. 413. 94.6 76.0 82.8 106. 410. \$3.8 48. 21.0 47.1 102. 114. 95.4 76.5 83.2 106. 111. 84.0 48. 8.7 102. 113. 96.1 *77*.6 83.7 105. 109. 84.0 49. 19.0 7.4 102. 114. 95.0 75.3 80.4 102. 106. 80.1 46. 15.0 47.1 102. 113. 93.9 72.5 74.1 91.5 94.7 71.4 41 13.0 48.0 101. 111. 92.9 69.2 65.3 75.4 75.8 58.5 34. 6.2 101. 111. 90.7 66.0 62.0 69.2 68.1 52.2 30. 5.4 99.4 110. 90.3 67.8 68.0 79.3 78 6 58.2 32. 4.6 97.1 107. 89.2 68.3 69.7 84.3 84.4 60.9 32. 5.0 9.6 91.6 102. \$2.3 60.3 59.0 68.0 67.0 49.3 26. 3.0 0.9 77.8 86.1 68.7 47.2 40.4 41.8 39.7 30.4 17. 1.0 36.3 52.8 57.5 47.1 32.0 23.4 22.0 20.2 15.8 10.5 0.5 4.5 8.5 12.5 16.5 2.5 6.5 10.5 14.5 18.5 X+AXIS USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:05 13-Mar-95 PROJECT: 44-100 AREA: ADMIN AREA-N GRID: Ceiling Values are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=5.29 MAX=58.7 AUE=38.7 AUE/MIN= 7.31 MAX/MIN= 11.11

F8 $\langle 9 \rangle$ = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:53 30-Dec-94 PROJECT: 44-100 AREA: DIRECTOR OFFICE GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

6344

+ MIN=24.9 MAX=146. AUE=78.8 AUE/MIN= 3.16 MAX/MIN= 5.85

F <4> = K7952 COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68

Y-AXIS

19.0
$$24.9$$
 43.4 59.4 59.4 43.4 24.9

17.0 36.3 67.4 96.1 96.1 67.4 36.3

15.0 46.5 88.0 $126.$ $126.$ 88.0 46.5

13.0 52.0 98.7 $141.$ $141.$ 98.7 52.0

11.0 54.0 $102.$ $146.$ $146.$ $102.$ 54.0

7.0 52.0 98.7 $141.$ $141.$ 98.7 52.0

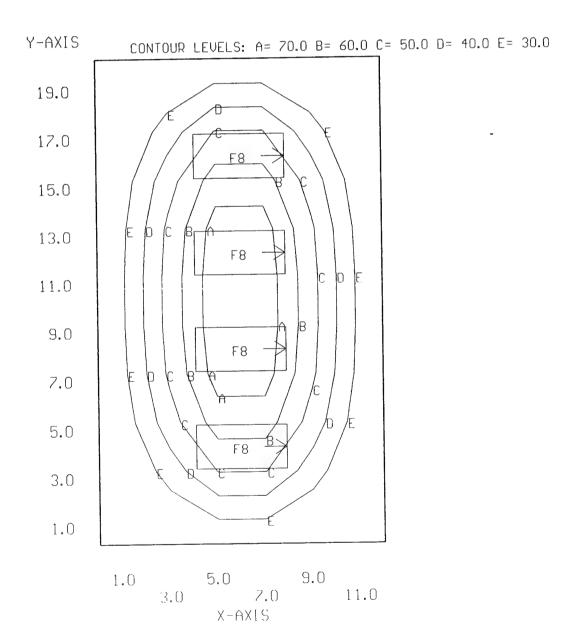
5.0 46.5 88.0 $126.$ $126.$ 88.0 46.5

3.0 46.5 88.0 $126.$ $146.$

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:09 13-Mar-95 PROJECT: 44-100 AREA: DIRECTOR OFFC-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=12.8 MAX=76.5 AUE=41.1 AUE/MIN= 3.21 MAX/MIN= 5.98

F8 $\langle 4 \rangle$ = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66



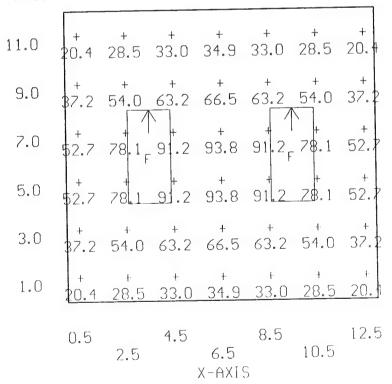
USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:59 30-Dec-94 PROJECT: 44-100 AREA: COFFEE ROOM GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

a Karagoria

+ MIN=20.4 MAX=93.8 AVE=52.9 AVE/MIN= 2.59 MAX/MIN= 4.60

F (2) = K7952 COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68

Y-AXIS



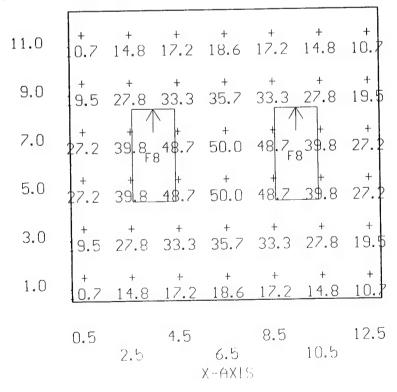
USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:11 13-Mar-95 PROJECT: 44-100 AREA: COFFEE ROOM-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=10.7 MAX=50.0 AVE=27.7 AVE/MIN= 2.60 MAX/MIN= 4.70

F8 $\langle 2 \rangle$ = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

Y-AXIS

Expression of the t

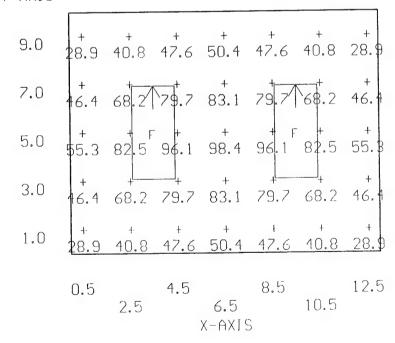


USI's LITE*PRO U2.27E Point-By-Point Numeric Output 17:03 30-Dec-94 PROJECT: 44-100 AREA: CAD OFFICE GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=28.9 MAX=98.4 AUE=59.4 AUE/MIN= 2.06 MAX/MIN= 3.41

F $\langle 2 \rangle$ = K7952 COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68

Y-AXIS

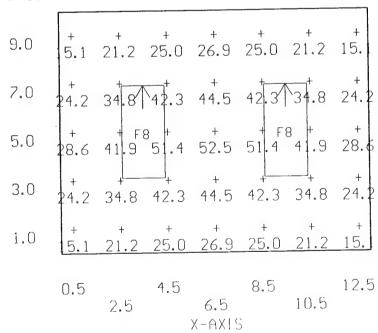


USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:13 13-Mar-95 PROJECT: 44-100 AREA: CAD OFFICE-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=15.1 MAX=52.5 AUE=31.1 AUE/MIN= 2.06 MAX/MIN= 3.48

F8 $\langle 2 \rangle$ = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

Y-AXIS



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 17:10 30-Dec-94 PROJECT: 44-100 AREA: OFFICE 1 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=24.6 MAX=146. AUE=75.4 AUE/MIN= 3.06 MAX/MIN= 5.93

F <3> = K7952 COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68

Y-AXIS 10.5 24.6 50.8 87.6 105. 87.6 50.8 24.6 8.5 111. 65.9 31.4 65.9 111. 133. 6.5 4.5 34.4 122. 146. 72.4 2.5 31.4 65.9 111. 0.5 87.6 105. 87.6 50.8 50.8 13.0 9.0 5.0 1.0 11.0 7.0 3.0 X-AXIS

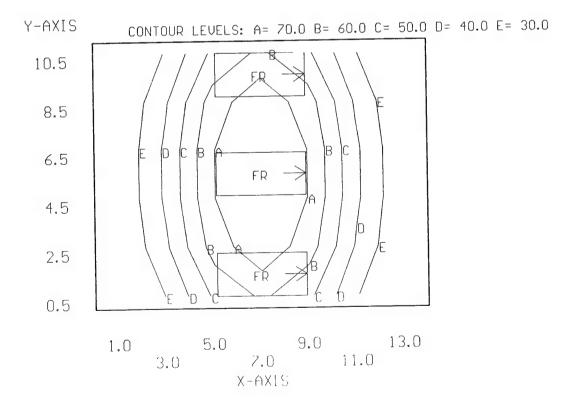
USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:21 13-Mar-95 PROJECT: 44-100 AREA: OFFICE 1-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

2797773

\$ 100 miles

+ MIN=15.5 MAX=83.8 AUE=44.3 AUE/MIN= 2.86 MAX/MIN= 5.41

FR $\langle 3 \rangle$ = T10620 METALOPTICS 24EKS042EP11, (2) F032/35K, LLF= 0.69



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 17:15 30-Dec-94 PROJECT: 44-100 AREA: OFFICE 2/STAT GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=29.0 MAX=119. AUE=66.7 AUE/MIN= 2.30 MAX/MIN= 4.09

F <4> = K7952 COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68

Y-AXIS 10.5 29.0 38.3 43.8 38.3 29.0 8.5 73.6 82.9 73.6 53.4 6.5 75.9 75.9 107. 119. 4.5 119. 2.5 53.4 73.6 82.9 73.6 53.4 0.5 43.8 38.3 29.0 9.0 5.0 1.0 7.0 3.0 X-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:24 13-Mar-95 PROJECT: 44-100 AREA: OFFICE 2/STAT-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

AUE/MIN= 2.32 MAX/MIN= 4.10 AUE=35.1 MAX = 62.2+ MIN=15.1

F8 $\langle 4 \rangle$ = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

Y-AXIS

11/110					
10.5	15.1	÷ 20.2	+ 23.2	⁺ 20.2	15.1
8.5	+ 27.6	39.3	+ 43.7	39.3	+ 27.6
6.5	+ 38.9	57 ₈ 5	+ 62.2	57.5 57.5	+ 38.9
4.5	+ 38.9	1	+ 62.2	+ 57.5	+ 38.9
2.5	27.6	+ 39.3	+ 43.7	+ 39.3	+ 27.6
0.5	+	+ 20.2	+ 23.2		+ 15.1
	1.0	3.0	5.0	2.0	9.0
			X-AXIS		

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USI's LITE*PRO U2.27E Point-By-Point Numeric Output 17:21 30-Dec-94 PROJECT: 44-100 AREA: OFFICE HALL GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations 2.85

2.05 MAX/MIN=

AUE/MIN=

AUE=56.1

MAX=78.1

- MIN=27.4

F <2> = K7952 COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68

4. °

Y-AXIS

1.0 5.0 9.0 13.0 1.7.0 21.0 3.0 7.0 11.0 15.0 19.0 X-AXIS USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:30 13-Mar-95 PROJECT: 44-100 AREA: OFFICE HALL-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

2.84 2.04 MAX/MIN= AUE/MIN= AUE=29.1 MAX=40.5 + MIN=14.3 F8 <2> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

SIXH->

1.0 5.0 9.0 13.0 17.0 21.0 3.0 7.0 11.0 15.0 19.0 X-AXIS USI's LITE*PRO U2.27E Point-By-Point Numeric Output 10:59 3-Jan-95 Val∪es are FC, SCALE: 1 IN= 16.0FT, HORZ GRID (V), HORZ CALC, Z= PROJECT: 44-100 AREA: MAIN HALL GRID: Ceiling Computed in accordance with IES recommendations

+ MIN=0.00 MAX=114, AUE=4.93 AUE/MIN=N/A MAX/MIN=N/A

G <7> = K7965 COLUMBIA 2SG240-EXA.125NOM, (2) F40CW, LLF= 0.68 X <1> = B1073A PRESCOLITE 1128-930, (1) 75A19/SW, LLF= 0.77

the state of the s מה בחב בחב שם בים בחבר בחב בחב בה בכה בה בת בחב בה בבת בת בת בת בת בת בנו בנו בנה בת כנו בנה בנה בנה בנה בת ב יום פים מים בים בים בים מים בים מים בים מים בים מים בים מים מים מים מים מים מים מים בים מים בים מים בים מים בי שם שם שם מים וום דום כנם וום אום מים הם שום שבם ובם בבם אבם אבם לבם מבם מבם מבם מבם מבם מבם מבם מבן מפון אפון יפון הנים הים הים היה היה היה היה הלה כלבם בלבם בלב מלבה מלב מנה מלב היה מלב מנה בלב היה מיה מנה בלב מקם אלבו בזבו מהב ננון فأه داه وأه وأه وأه وأه وته وته وته وتره بعده وثم وقع وقع وقع وقه وأه وأبه وأبه وأبه وثبه وتره وأو وفه وزر وإر اورو 9.0 3:.0 23.0 25.0 13.0 \$3.0 33.0

Values are FC, SCALE: 1 IN= 16.0FT, HORZ GRID (V), HORZ CALC, Z= 2.5 16:01 13-Mar-95 USI's LITE*PRO U2.27E Point-By-Point Numeric Output GRID: Celling Computed in accordance with IES recommendations PROJECT: 44-100 AREA: MAIN HALL-N

AUE,MIN=N/A MAX,MIN=N/A AUE=4.43 MAX=49.5 + MIN=0.00 CF <1> = B1777A PRESCOLITE CF123526-462, (1) F26DTT/27K, LLF= 0.50 F8 <7> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

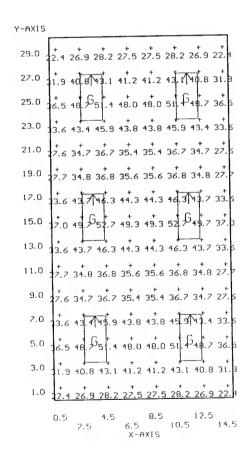
2、1964年日最高的課題。

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 11:08 3-Jan-95 PROJECT: 44-100 AREA: MAIN OFFICE GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=22.4 MAX=52.7 AUE=38.2 AUE/MIN= 1.70 MAX/MIN= 2.35

G <6> = K7965 COLUMBIA 2SG240-EXA.125NOM, (2) F40CW, LLF= 0.68

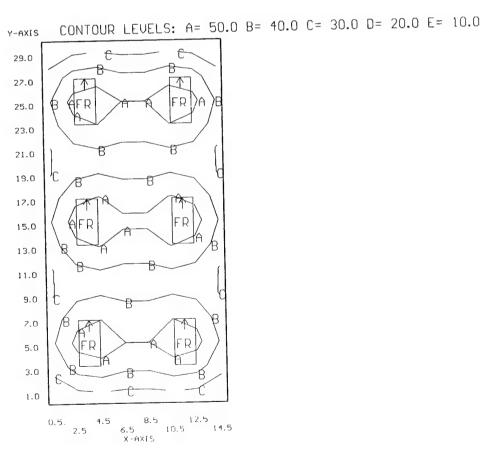


USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:08 13-Mar-95 PROJECT: 44-100 AREA: MAIN OFFICE-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

Control of the State of the Control of the Control

+ MIN=23.7 MAX=57.3 AUE=40.9 AUE/MIN= 1.72 MAX/MIN= 2.42

FR (6) = T10620 METALOPTICS 24EKS042EP11, (2) F032/35K, LLF= 0.69



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 11:14 3-Jan-95 PROJECT: 44-100 AREA: OFFICE 3 GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

4. 10-14.5

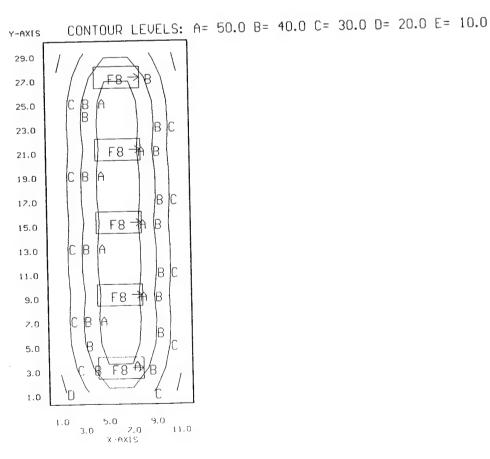
+ MIN=35.2 MAX=109. AUE=72.7 AUE/MIN= 2.07 MAX/MIN= 3.09

F <5> = K7952 COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68

Y-AXIS 35.2 56.4 75.6 75.6 56.4 35.2 29.0 40.4 68.8 96.0 96.0 68.8 40.4 27.0 25.D 23.0 45.1 77.3 106. 106. 77.3 45.1 21.0 19.0 46.1 78.6 108. 108. 78.6 46.1 17.0 46.2 78.7 108. 108. 78.7 46.2 45.6 77.9 109 109 77.9 45.6 15.0 13.0 46.2 78.7 108. 108. 78.7 46.2 11.0 46.1 78.6 108. 108. 28.6 46. 45.2 77.3 108. 108. 77.3 45.2 9.0 7.0 45.1 77.3 106. 106. 77.3 45.1 5.0 43.8 75.3 103. 103. 75.3 43.8 35.2 56.4 75.6 75.6 56.4 1.0 5.0 9.0 3.0 7.0 11.0 x-exis USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:12 13-Mar-95 PROJECT: 44-100 AREA: OFFICE 3-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=17.8 MAX=55.9 AVE=37.4 AVE/MIN= 2.10 MAX/MIN= 3.13

F8 $\langle 5 \rangle$ = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 11:22 3-Jan-95 PROJECT: 44-100 AREA: MAIN RESTROOMS GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.61 MAX=87.2 AUE=15.8 AUE/MIN= 25.67 MAX/MIN= 141.99

 $X \langle 2 \rangle = B1073A PRESCOLITE 1128-930, (1) 75A19/SW, LLF= 0.77$

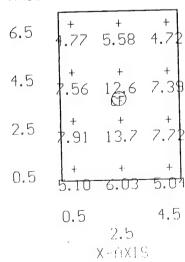
Y-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:16 13-Mar-95 PROJECT: 44-100 AREA: MAIN RESTROOM-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=4.72 MAX=13.7 AUE=7.35 AUE/MIN= 1.56 MAX/MIN= 2.90

CF <2> = B1777A PRESCOLITE CF123526-462, (1) F26DTT/27K, LLF= 0.50

Y-AXIS



estate transfer

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 11:41 3-Jan-95 PROJECT: 44-100 AREA: MEN'S NEW LR GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=9.24 MAX=44.8 AUE=25.8 AUE/MIN= 2.79 MAX/MIN= 4.85

G <13> = K7965 COLUMBIA 2SG240-EXA.125NOM, (2) F40CW, LLF= 0.68

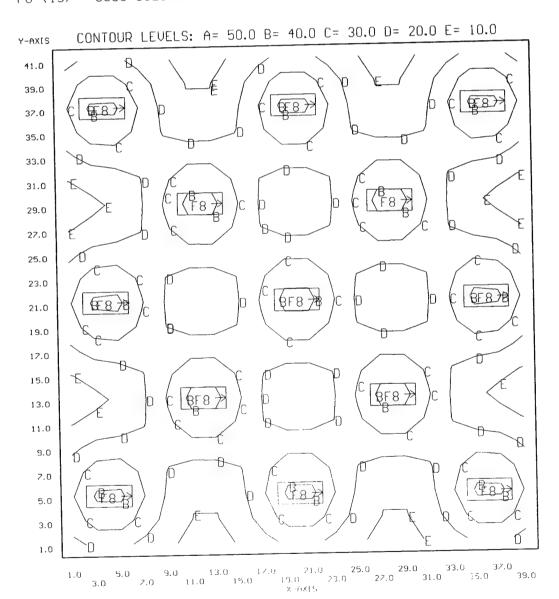
Y-AXIS 18.8 24.3 24.3 18.7 12.4 9.27 9.24 12.4 18.7 24.3 24.3 18.7 12.4 9.24 9.27 12.4 18.7 24.3 18.8 27.2 36.6 36.7 27.4 17.2 11.9 11.9 17.2 27.4 36.7 36.7 27.4 17.2 11.9 11.9 17.2 27.4 36.7 36.6 27.2 39.0 30.7 43. 643.4 31.5 19.9 14.7 14.7 20.0 31.6 43.6 43.6 31.6 20.0 14.7 14.7 19.9 31.5 43.4 43.1 30.7 37.0 27.5 37.2 37.8 29.8 21.8 18.4 18.5 22.0 30.1 38.4 38.4 30.1 22.0 18.5 18.4 21.8 29.8 37.8 37.2 27.5 35.0 19.5 25.6 27.0 25.1 25.2 27.7 27.8 25.5 25.5 28.0 28.0 25.5 25.5 27.8 27.7 25.2 25.1 27.0 25.6 19.5 33.0 12.2 15.4 18.0 22.1 30.3 38.6 38.6 30.6 22.8 19.6 19.6 22.8 30.6 38.6 38.6 30.3 22.1 18.0 15.4 12.2 31.0 10.1 12.7 15.6 21.3 32.7 14.5 14.6 33.1 22.2 17.7 17.7 22.2 33.1 14.6 14.4 32.7 21.3 15.6 12.7 10.1 29.0 12.1 15.4 18.0 22.2 30.4 38.8 38.9 30.8 23.0 19.8 19.8 23.0 30.8 38.9 38.8 30.4 22.2 18.0 15.4 12.1 27.0 19.1 25.5 27.1 25.3 25.7 28.2 28.3 26.0 26.0 28.5 28.5 26.0 28.3 28.2 25.7 25.3 27.1 25.5 19.1 25.0 27.2 37.1 38.1 30.4 22.8 19.7 19.8 23.1 30.9 39.1 39.1 30.9 23.1 19.8 19.7 22.8 30.4 38.1 37.1 27.2 23.0 30.5 43. 9 44.0 32.8 22.1 17.7 17.8 22.4 33.3 44.8 44.8 33.3 22.4 17.8 17.7 22.1 32.8 44.0 43.3 30.5 21.0 27.2 37.1 38.1 30.4 22.8 19.7 19.8 23.1 30.9 39.1 30.9 23.1 19.8 19.7 22.8 30.4 38.1 37.1 27.2 19.0 19.1 25.5 27.1 25.3 25.7 28.2 28.3 26.0 26.0 28.5 28.5 26.0 26.0 28.3 28.2 25.7 25.3 27.1 25.5 19.1 17.0 12.1 15.4 18.0 22.2 30.4 38.8 38.9 30.8 23.0 19.8 19.8 23.0 30.8 38.9 38.8 30.4 22.2 18.0 15.4 12.1 15.0 10.1 12.7 15.6 21.3 32.7 144.6 33.1 22.2 17.7 17.7 22.2 33.1 144.6 14.4 32.7 21.3 15.6 12.7 10.1 12.2 15.4 18.0 22.1 30.3 38.6 38.6 30.6 22.8 19.6 19.6 22.8 30.6 38.6 38.6 30.3 22.1 18.0 15.4 12.2 11.0 19.5 25.6 27.0 25.1 25.2 27.7 27.8 25.5 25.5 28.0 28.0 25.5 25.5 27.8 27.7 25.2 25.1 27.0 25.6 19.5 9.0 27.5 37.2 37.8 29.8 21.8 18.4 18.5 22.0 30.1 38.4 38.4 30.1 22.0 18.5 18.4 21.8 29.8 37.8 37.2 27.5 2.0 30.7 43.6 33.4 31.5 19.9 14.7 14.7 20.0 31.6 43.6 43.6 31.6 20.0 14.7 14.7 19.9 31.5 43.6 43.1 30.7 5.0 27.2 36.6 36.7 27.4 17.2 11.9 11.9 17.2 27.4 36.7 36.7 27.4 17.2 11.9 11.9 17.2 27.4 36.7 36.6 27.2 18.8 24.3 24.3 18.7 12.4 9.27 9.24 12.4 18.7 24.3 24.3 18.7 12.4 9.24 9.27 12.4 18.7 24.3 24.3 18.8

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:19 13-Mar-95 PROJECT: 44-100 AREA: MEN'S NEW LR-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=7.35 MAX=43.0 AUE=23.5 AUE/MIN= 3.20 MAX/MIN= 5.85

F8 (13) = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 11:45 3-Jan-95 PROJECT: 44-100 AREA: LR ALCOVE GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=16.6 MAX=45.7 AUE=29.8 AUE/MIN= 1.79 MAX/MIN= 2.75

G <1> = K7965 COLUMBIA 2SG240-EXA.125NOM, (2) F40CW, LLF= 0.68

Y-AXIS 10.5 16.8 18.0 16.6 8.5 30.8 27.7 28.1 + 6.5 44.5 38.9 39.6 G 4.5 39.8 40.6 2.5 29.7 33.2 30.1 0.5 19.8 18.5 18.3 5.0 1.0 3.0 X · AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:21 13-Mar-95 PROJECT: 44-100 AREA: LR ALCOVE-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=15.3 MAX=43.9 AUE=28.1 AUE/MIN= 1.84 MAX/MIN= 2.87

F8 $\langle 1 \rangle$ = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

Y-AXIS 10.5 15.5 16.8 15.3 8.5 29.4 25.9 26.4 + 6.5 36.5 37.3 42.7 F8 4.5 38.3 2.5 27.8 31.6 28.3 0.5 18.6 5.0 1.0 3.0 X-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 12:01 3-Jan-95 PROJECT: 44-100 AREA: MEN'S NEW SHWR GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.00 MAX=80.3 AUE=29.6 AUE/MIN=N/A MAX/MIN=N/A

G $\langle 5 \rangle$ = K7965 COLUMBIA 2SG240-EXA.125NOM, (2) F40CW, LLF= 0.68 W1 $\langle 2 \rangle$ = K8957 COLUMBIA W240-A, (2) F40CW, LLF= 0.60

Y-AXIS 29.0 4.80 8.18 16.8 30.2 41.0 41.1 30.5 17.6 9.61 27.0 25.0 4.83 8.66 18.9 34.5 47.3 47.2 34.6 19.6 10.4 23.0 3.70 7.26 18.4 35.2 46.2 45.9 34.8 19.6 10.9 21.0 0.00 d.00 0.00 39.8 50.4 19.0 21.0 23.4 19.5 49.6 63 17.0 19.9 21.7 18.3 59.1 746 15.0 16.9 20.5 28.5 63.1 80.2 77.7 56.3 29. 13.0 15.0 18.1 25.5 63.9 80.0 27.6 56.2 29.9 . 4 72.4 52.2 28.2 14.5 11.0 15.1 16.3 13.7 60.5 75 9.0 17.3 18.8 16.0 51.8 65.5 62.9 45.6 25.1 13.5 0.00 0.00 0.00 43.9 55.7 54.4 40.7 22.6 12.3 7.0 4.26 8.32 20.9 39.3 52.6 52.0 38.4 21.6 11.7 4.93 9.10 19.4 34.9 47.8 47.5 34.9 20.1 11. 4.97 7.95 15.1 26.2 34.8 35.1 27.0 16.4 3.0 7.0 9.0 13.0 15.0 x-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:26 13-Mar-95 PROJECT: 44-100 AREA: MENS NEW SHWR-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.00 MAX=50.1 AUE=22.1 AUE/MIN=N/A MAX/MIN=N/A

F8 $\langle 4 \rangle$ = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66 W8 $\langle 2 \rangle$ = K8957 COLUMBIA W240-A, (2) F032/35K, LLF= 0.58

CONTOUR LEVELS: A= 50.0 B= 40.0 C= 30.0 D= 20.0 E= 10.0 Y-AXIS 29.0 27.0 25.0 23.0 21.0 19.0 17.0 15.0 13.0 11.0 F8 9.0 7.0 5.0 3.0 1.0 9.0 13.0 17.0 7.0 11.0 15.0 X AXIS

values are FC, SCALE: 1 IN= 16.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 13:31 3-Jan-95 USI's LITE*PRC U2.27E Point-By-Point Numeric Output DROJECT: 44-100 AREA; MEN'S OLD LR GRID: Ceiling Computed in accordance with IES recommendations

A TABLET DE

MIN=10.4 MAX=57.9 AUE=42.8 AUE/MIN= 4.10 MAX/MIN= 5.54

3 <36> = K7965 COLUMBIA 2SG240-EXA.125NOM, (2) F40CW, LLF= 0.68

360 (317-2542) and 560 (316-2542) and 316 (316-3542) when the state of New York and the property of a new notice of the property of the property of the property of the property of the state of the property of the 7.4 962 926 926 926 926 926 926 926 926 925 925 925 926 924 921 963 926 926 926 925 925 925 925 925 926 926 926 المؤلف المؤلف المؤلف مؤمد مؤمد مؤمد مأمد مأمد ماشع مؤمل مؤمد مؤمد مؤمد مؤمد المؤمد مؤمد المؤمد مؤمد المؤمد ગોરા કહેર લોક લોક લોક લોક લોક લોક લોક કહેલા કહેલ કહેલ કહેલ કહેલ માટે માત લોક કોક લોક લોક લોક મોક મોર લોક મોક લોક 1859 (1859-224) 0.5 0.7 (257-1928) 1.7 27 27 20 28 (187-1928) 185 and and and the cast as a service and the the rise the size and the the rise and the cast and the cast and the the cast and the cast an nic sas sas sas sic nee nas nas nas nas sas sas ens ens sas pas pas pas nes nas nes ens es es es es sis nas nas the states of the the states and the sale that that the the the sale that the states are the the the the the the 6.7.5 19.5 21.5 19.9 47.8 63.5 13.5 100 33.5 8. 5.5 33.5 91.9 27.5 28.5 23.5

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:29 13-Mar-95 PROJECT: 44-100 AREA: MEN'S OLD LR-N GRID: Ceiling Values are FC, SCALE: 1 IN= 16.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

\$ 150 mm

5.82 4.35 MAX/MIN= AUE/MIN= AUE=39.0 MAX=52.1 + MIN=8.96

F8 <36> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

50.0 B= 40.0 C= 30.0 D= 20.0 E= 10.0 8 8 CERT BYC BBB m α CONTOUR LEVELS: A= $_{\Omega}$ 37.5 33.5 29.5 27.5 23.5 39.5

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 13:47 3-Jan-95 PROJECT: 44-100 AREA: LOCKER HALL GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HGRZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.00 MAX=92.6 AUE=27.4 AUE.MIN=N.A MAX.MIN=N.A

- 4 P 180

%4 <8> = K7988K COLUMBIA K240-T, (2) F40CW, LLF= 0.73 X <1> = B1073A PRESCOLITE 1128-930, (1) 75A19/SW, LLF= 0.77

	w 4-	3.25	10.8	11.0	1	0. 0.
+	3 40.6 40.4 33.9 33.2 37.8 25.4 31.3 25.7 19.4 9.30 5.82 4.08 2.94 2.41 2.07 9.73 11.0 10.6 0.0 9.86 11.6 11.2 9.22 6.34	2 50.6 50.5 50.1 49.3 47.6 44.4 38.3 29.3 19.3 11.3 6.70 4.73 2.91 2.33 1.99 14.9 18.1 16.7 0.0 14.7 19.7 18.4 13.6 9.25	- 184 19, 1-34, 1966-37, 3 1966-37, 3 1448-33, 1 21, 2, 11, 7 5.85 92, 8/89, 8 2, 18 1, 84 19, 1-24, 1426, 3 24, 7 25, 1-24, 1448-33, 1 6, 9 10.8	53.4 53.4 52.9 52.1 50.4 47.2 40.8 31.5 22.4 1.21 2.29 13.6 10.1 1.93 1.64 17.5 23.7 25.1 23.3 23.8 25.8 23.1 16.6 11.0	+ +	33.0 37.0 41.0 45.0 53.0 53.0 53.0 53.0 53.0 53.0 53.0 5
+	11.2	18.4	122	3 23.1	3 16.5	55.0
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+	1 2.07	3 1.99	+ 1.84	3 1.64	1 1.33	41.0
+	34 2.41	1 2.3	.8 2.18	+ 90	56 1.4	39.
,	08 2.5	73 2.5	2.8%69	3.6 10		5.0
	5.82 4.	5.70 4	5.85 9.85	2.29 1	+ 1.28.1	33.0
	9.30	11.3	11.7	1,21	+ 61	31.0
	19,4	3 19.3	1 21.2	5 22.4	+ + 7	29.0
	3 25.7	3 29.	TANK E	8 31.	+ + 0:	.0 27.1
	5.4 31	+ + 38	13 A	7.2 40	8.3 34	3.0
	37.8 3	+7.6	360 3	50.4 4	+0.8 3	21.0
	39.2	+ 6	D. TA	52.1	+ 7.1	19.0
	4 39.9	5 50.1	M 7	4 52.9	3 42.8	17.0
	+ 40,4	6 50.8	TA 20	+ 53.	+ 6	.0
	3.3 40.	5.2 50.	N X	3,0 53	+	13
	39.3 40	+ 0, 1.	*	+ 10 10 10 10	+	0.9
	37.4	+ 4	A	+ 0,	+	3.0 5.0 5.0
	34.0	+ 4	Δ4	4 + 4 .	+ [
	+ 00	; + £		. + ις . α	+ + + + + + + + + + + + + + + + + + +	1.6 3.0
S I	8.5 + + + + + + + + + + + + + + + + + + +	6.5 737 74 7 46.6 49.1 50.2	13.	2.5	0.5	1.
Y-AXIS	œ,	9	4		Ö	

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:36 13-Mar-95 PROJECT: 44-100 AREA: LOCKER HALL-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

AUE=12.4 AUE.MIN=N/A MAX/MIN=N/A

MAX=30.2

+ MIN=0.00

建筑铁铁

W2 <4> = KA9513 COLUMBIA WC240-A, <2> F032/35K, LLF= 0.66

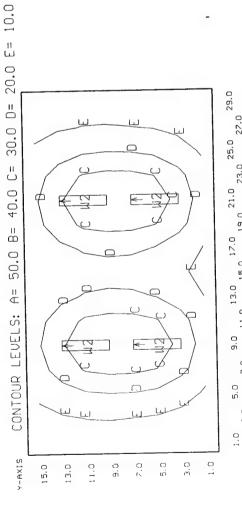
8.5 (4.54 5.54 9.14 13.7 15.7 13.9 9.65 6.68 6.72 9.74 14.1 16.0 14.1 9.78 6.73 6.55 9.51 13.8 15.6 13.6 9.23 0.68 0.86 0.22 0.50 14.2 12.0 7.30 3.68 2.27 8.25 4.5 14.1 16.0 1	18 2.27	+!	28 2.39	14 3.34	69 3.34	+		59.0	
5 4.24 6.55 4 9.14 13.7 15.7 13.9 9.65 6.68 6.72 9.74 14.1 16.0 14.1 9.78 6.73 6.55 9.51 13.8 15.6 13.6 9.23 0.68 0.86 0.22 0.50 14.2 12.2 12.2 4.5 9.14 13.7 15.7 13.9 9.65 6.68 6.72 9.74 14.1 16.0 14.1 9.78 6.73 6.55 9.51 13.8 15.6 13.6 9.23 0.68 0.86 0.22 0.50 14.2 12.2 15.2 13.5 13.5 13.5 13.3 13.2 15.2 13.3 8.16 8.19 13.4 21.5 24.3 24.5 13.3 21.2 24.8 24.7 14.7 16.5 13.0 13.0 15.1 8.89 8.91 15.2 25.2 24.1 12.7 6.52 6.20 12.4 20.8 24.7 20.9 12.9 12.9 2.32 4.87 11.1 19.6 23.8 20. 12.3 6.4 12.7 21.0 25.0 21.3 13.3 8.12 8.13 13.4 21.4 25.2 21.1 12.7 6.52 6.20 12.4 20.8 24.7 20.9 12.9 12.9 12.9 12.9 12.9 12.9 12.9 12	+ + +	+	8 11.4 5.7	7 13.3 6.	0 11.7 5.	+	. 01.0	35.0	
5 4.24 6.55 4 9.14 13.7 15.7 13.9 9.65 6.68 6.72 9.74 14.1 16.0 14.1 9.78 6.73 6.55 9.51 13.8 15.6 13.6 9.23 0.68 0.22 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+ + + + + + + + + + + + + + + + + + + +		24.2 19.	2 25.0 23.	£ 23.8 20.	+	5 I 1.: 5 I 2	51.0	
11.5	+ 6	0.22 U.D.	2.79 0.0	8.72 23.3	+ + + 11.1 19.	+	7.80 12.	47.0	
5 4.24 6.554 9.14 13.7 15.7 13.9 9.65 6.68 6.72 9.74 14.1 16.0 14.1 9.78 6.73 6.55 9.51 13.8 15.6 13.6 9.23 5 4.24 6.65 12.7 21.1 24.0 21.3 13.3 8.16 8.19 13.4 21.5 24.3 21.5 13.5 8.21 8.13 13.3 21.2 24.8 21.0 13.0 5 4.24 6.65 12.7 21.1 24.7 24.7 24.8 8.8 8.91 15.2 25.2 24.2 25.2 15.2 9.07 8.97 15.0 24.9 24.7 14.7 5 4.34 7.21 14.4 24.7 24.7 24.0 25.0 15.1 8.89 8.91 15.2 25.2 21.1 12.7 6.52 6.20 12.4 20.8 24.7 20.9 12.9 6 4.23 6.64 12.7 21.0 25.0 21.3 13.3 8.12 8.13 13.4 21.4 25.2 21.1 12.7 6.52 6.20 12.4 20.8 24.7 20.9 12.9 7 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	+ 0	0.68 0.86	1.51 1.55	1.85 3.80	2.32 4.87	+	1,78 3,71	43.0	
5 4.24 6.55 4 9.14 13.7 15.7 13.9 9.65 6.68 6.72 9.74 14.1 16.0 14.1 9.78 6.73 6.55 9.51 13.8 15.6 5 4.24 6.55 4 9.14 13.7 15.7 13.9 9.65 6.68 6.72 9.74 14.1 16.0 14.1 9.78 6.73 6.55 9.51 13.8 15.6 5 4.24 6.55 12.7 21.1 25.0 21.3 13.3 8.16 8.19 13.4 21.5 25.2 15.3 13.5 8.21 8.13 13.3 21.2 24.8 5 4.34 7.21 14.4 24.7 25.0 15.1 8.89 8.91 15.2 25.2 21.1 2.7 6.52 8.7 8.97 15.0 24.9 24.7 25.2 11.1 2.7 6.52 21.1 12.7 6.52 8.24 13.4 24.7 25.2 11.1 2.7 6.52 8.24 13.4 24.7 25.2 11.1 2.7 6.52 8.24 13.4 24.7 25.2 11.1 2.7 6.52 8.24 13.3 8.12 8.13 13.4 21.4 25.2 21.1 12.7 6.52 8.24 13.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2	+	13.6 9.23	21.0 13.0	24.7 14.7	20.9 12.9	+	13.3 9.00	41.0 39.0	
5 4.24 6.554 9.14 13.7 15.7 13.9 9.65 6.68 6.72 9.74 14.1 16.0 14.1 9.78 6.73 6.55 9.51 8 4.24 6.54 6.55 9.74 14.1 16.0 14.1 9.78 6.73 6.55 9.51 8 4.24 6.55 12.7 21.1 24.2 13.3 8.16 8.19 13.4 21.5 24.3 24.3 21.5 13.5 8.21 8.13 13.3 8 4.34 7.21 14.4 24.7 34.5 25.0 15.1 8.89 8.91 15.2 25.2 34.2 25.2 15.2 9.07 8.97 15.0 8.37 15.0 8.37 15.0 8.37 15.0 8.37 15.0 8.37 15.0 8.37 15.0 8.37 15.0 8.37 15.0 8.37 15.0 8.38 12 8.13 13.4 21.4 25.2 21.1 12.7 6.52 6.20 12.4 8.33 6.4 12.7 21.0 25.0 21.3 13.3 8.12 8.13 13.4 21.4 25.2 21.1 12.7 8.57 15.1 8.55 8.57 15.0 8.37 15.0	+	13.8 15.6	21.2 34.9	24.9 25.9	1, 4, 2, 4, 7, 7, 8, 7, 7, 8, 7, 7, 8, 7, 7, 8, 7, 7, 8, 7, 7, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8,	+ + + + + + + + + + + + + + + + + + + +	13.2 15.2	37.0 35.0	
5 4.24 6.55 4 9.14 13.7 15.7 13.9 9.65 6.68 6.72 9.74 14.1 16.0 14.1 9.78 6.73 5 4.24 6.56 12.7 21.1 25.0 21.3 13.3 8.16 8.19 13.4 21.5 25.2 25.3 13.5 8.21 5 4.34 7.21 14.4 24.7 25.0 25.0 15.1 8.89 8.91 15.2 25.2 25.2 25.2 15.2 9.77 15.7 12.7 6.52 15.2 9.77 12.7 6.52 15.2 9.77 12.7 6.52 15.2 9.77 12.7 6.52 15.2 9.77 12.7 6.52 15.2 9.77 12.7 9.78 12.8 12.8 12.8 12.8 12.4 12.7 21.4 25.2 21.1 12.7 6.52 12.7 12.7 12.7 6.52 12.7 12.7 12.7 6.52 12.7 12.7 12.7 6.52 12.7 12.7 12.7 6.52 12.7 12.7 12.7 12.7 12.7 12.7 12.7 12.	+	6.55 9.51	B.13 13.3	8.97 15.0	+ 0	0.21	5.12 8.67	33.0 31.0	XIS
5 4.24 6.55 4 9.14 13.7 15.7 13.9 9.65 6.68 6.72 9.74 14.1 16.0 14.1 15.0 14.1 15.0 14.1 15.0 14.1 15.0 14.1 15.0 14.1 15.0 14.1 15.0 14.1 15.0 14.1 15.0 14.1 15.0 14.1 15.0 14.1 15.0 14.1 15.0 14.1 15.0 14.1 15.0 15.1 15.1 15.2 15.2 15.2 15.2 15.2 15.2	+	9,78 6,73	13.5 8.21	15.2 9.07	+ 0	12.7 6.52	9.07 5.51	29.0	×
5 4.24 6.55 4 9.14 13.7 15.7 13.9 9.65 6.68 6.72 9.74 14.11 5 4.24 6.65 12.7 21.1 25.0 21.3 13.3 8.16 8.19 13.4 21.5 6 4.34 7.21 14.4 24.7 36.0 25.0 15.1 8.89 8.91 15.2 25.2 7 4.23 6.64 12.7 21.0 25.0 21.3 13.3 8.12 8.13 13.4 21.4 1.0 3.0 5.0 7.0 11.0 13.0 15.0 25.0 5.0 13.0 21.0 25.0 15.0 25.0 15.0 25.0 21.3 13.4 21.4 1.0 3.0 5.0 7.0 11.0 13.0 15.0 25.0 21.0 21.0 25.0 21.0 25.0 21.0 25.0 21.0 25.0 21.0 25.0 21.0 25.0 21.0 25.0 21.0 25.0 21.0 25.0 21.0 25.0 21.0 25.0 21.0 25.0 21.0 25.0 21.0 25.0 21.0 25.0 21.0 25.0 21.0 25.0 21.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25	4	16.0 14.1	29.13 21.5	15 2+ 2	+	25.2 21.1	15.7 13.7	23.0	
5 4.24 6.54 9.14 13.7 15.7 13.9 9.65 6.68 6.72 5 4.24 6.65 12.7 21.1 24.0 21.3 13.3 8.16 8.19 5 4.24 6.65 12.7 21.1 24.7 25.0 15.1 8.89 8.91 6 4.34 7.21 14.4 24.7 25.0 25.0 15.1 8.89 8.91 7 8 4.23 6.64 12.7 21.0 25.0 21.3 13.3 8.12 8.13 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		9.74 14.1	13.4 21.5	+ 60	13.2 23.5	13.4 21.4	9.60 13.9	21.0	
5 4.04 5.54 9.14 13.7 15.7 13.9 9.65 5 4.24 6.65 12.7 21.1 24.0 21.3 13.3 5 4.24 6.65 12.7 21.1 24.0 25.0 13.1 3.3 6 4.34 7.21 14.4 24.7 10.0 25.0 15.1 6 4.23 6.64 12.7 21.0 25.0 21.3 13.3 7.23 6.64 12.7 21.0 25.0 21.3 13.3 7.03 6.04 12.7 21.0 25.0 21.3 13.3 7.03 6.04 12.7 21.0 25.0 21.3 13.3 7.03 6.04 12.7 21.0 25.0 21.3 13.3 7.03 6.04 12.7 21.0 25.0 21.3 13.3 7.03 6.04 12.7 21.0 25.0 21.3 13.3		6.68 6.72	+ + 8.16 8.19	+ 0	8.83 8.3 + +	8.12 8.13	+ + 6.60 6.53	17.0	
5 4.04 5.54 9.14 13.7 15.7 5.7 15.7 5.7 15.7 5.4 6.5 12.7 21.1 23.0 64 12.7 21.0 25.0 1.0 3.0 3.0 7.0 7.0 3.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7		13.9 9.65	21.3 13.3	+	25.0 15.1	21.3 13.3	13.9 9.60	13.0	1.0
5 4.04 5.54 9.14 5 4.24 6.65 12.7 4.24 7.21 14.4 4.34 7.21 14.4 6 4.35 6.64 12.7 1.03 6.64 12.7 1.03 6.03 8.13		13.7 15.7	1 1 2	+	24.7 30.0	21.0 25.0	+ + +	9.0	7.0
68 8 8 8 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		5.54 9.14	+ + + > > > > > > > > > > > > > > > > >	+	7.21 14.4	6.64 12.7	+ + + + + + + + + + + + + + + + + + + +	5.0.5	3.0
5 % 4 % 0	Y-AXIS	1.5 4.04	ارة + ر	7.7	4.34	2.5 4.23	7.5	1.0	

2.5 USI's LITE*PRO U2.27E Point-By-Point Numeric Output 13:58 3-Jan-95 PROJECT: 44-100 AREA: LOCKER RESTROOM GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (V), HORZ CALC, Z= Computed in accordance with IES recommendations 3.35 2.31 MAX/MIN= AUE/MIN= AUE=36.7 MAX=53.2 + MIN=15.9

M4 (8) = K7988K COLUMBIA K240-T, (2) F40CW, LLF= 0.73

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:39 13-Mar-95 PROJECT: 44-100 AREA: LOCKER RESTRM-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations 9.43 4.42 MAX/MIN= AUE/MIN= AUE=18.2 MAX=38.7 + MIN=4.11

W2 <4> = KA9513 COLUMBIA WC240-A, <2> F032/35K, LLF= 0.66



21.0 25.0 29.0 19.0 23.0 27.0 .0 17.0 15.0 19 X-AXIS 13.0 9.0 7.0 5,0 3,0

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:22 3-Jan-95 PROJECT: 44-100 AREA: MEN'S OLD SHWR GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

2.97 AUE,MIN= 1.86 MAX,MIN= AUE=22.6 MAX=36.2 + MIN=12.2

3 (8) = K9801X COLUMBIA LUN240-WL, (2) F40CW, LLF= 0.68

Y-AXIS

一年 建乳质小原生剂

+ 4.	+ 10	+ 16.51	+ 4.	+ 12.3	27.0
	+	25.2	20.3	+ 13	25.0
		32.9	+ 10.	+	23.0
27.5	+	36.2	27.8	+ 61	21.0
4 26.8	+ 47	35.0	27.2	+ 19.2	19.0
23.7	+ 00	29.6	24.0	+ 18.1	1,7.0
	+	+ %	20.7	+ 16.9	15.0 AXIS
+ 0	23.8	23	20.7	+ 91	13.0 15.0 X-AXIS
	+ 500	29.7	+ 24.0	+ 8	11.0
4 26.9	34.8	34.9	+ 27.1	+ 19.2	0.0
+ 27.4	+ 4	36.0	+ 27.6	+ 19.0	7.0
25.0	+ 6	I			5.0
20.0	74.9	75.0	20.1	+ 12.1	3.0
+ 4.	+ 91	+ 9 1	+ 4	+ + 12.2	
ເກ ໝໍ	5,	4. رن	2.5	0.5	
	LΩ	+ +	+ +	14.4 20.0 + + + 16.4 24.9 + + + 16.4 25.0 + + + 14.4 20.1	14.4 20.0 25.0 27.4 26.9 23.8 20.6 20.5 23.7 26.8 27.5 25.1 20.1 14.4 20.0 25.0 27.4 26.9 23.8 20.6 20.5 23.7 26.8 27.5 25.1 20.1 16.4 24.9 32.6 34.9 29.6 23.8 23.7 29.5 34.9 25.2 23.9 23.8 29.6 35.0 36.2 32.9 25.2 16.4 25.0 32.7 36.0 34.9 29.7 23.9 23.8 29.6 35.0 36.2 32.9 25.2 14.4 20.1 25.2 27.6 27.1 24.0 20.7 24.0 27.2 27.8 25.4 20.3 14.4 20.1 15.5 18.1 16.9 18.1 17.6 15.1

San Rower

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:42 13-Mar-95 PROJECT: 44-100 AREA: MENS OLD SHWR-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

2.97 AUE,MIN= 1.86 MAX,MIN= AUE=20.2 MAX=32.3 + MIN=10.9

J8 <8> = K9801X COLUMBIA LUN240-WL, <2> F032/35K, LLF= 0.66

Y-AXIS

	<u>س</u>	<u></u>	<u> </u>		13.0	+ 0.	0
1	10.9	12,9	+ 4+	. 14.	+ 00	+ -	27.0
-	+ 8.	17.9	+ 4	+ 22.4	18.1	+ 3.5	25.0
•	15.6	+ 22, 4	- 50 - 50 - 30 - 4	+ 29.4	8 22.6	+ 12.	23.0
			+ 2	32.3	24.8	+ [21.0
	16.9	23.9	+ 18	31.2 32.3	24.3	+ 1	19.0
	15.9	+ + + + 21.1 23.9 24.5	+ 6.3	+ 26.4	+ + + + 21.4 24.8	+	1,7.0
	14.9 14.9 15.9 16.9 16.9	18.3	+ 21.2	+ 1.3	÷ ت	+ 12.	15.0 XIS
	+ + T	2 18.3	1 21.3 2	21.3	18 5	+ 51	13.0 15. X-AXIS
	10 + 0	+21.2	+ 55	26.5	+ 21.4	+ 1.91	11.0
	16.9	+ 24.0	31 + 180	31.2	+ 24.2	+	0.0
	+ 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9		+ (**)	32.1	+ 24.7	+ 17:0	7.0
	15 15 15	+ + 22.3 24.4	+ 29,1	+ 29.2	+ 22.5	15.6	្ត
	13.3	17.8	+ 22-2	+ 22.3	17.9	+ 5.	0.8
	10.9	12.8	14.6 22.2	+ 4.6	12.9	+ + +	•
l !	10.5	ص س	6.5	4. ري	2.5	ت ر	
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USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:33 3-Jan-95 PROJECT: 44-100 AREA: WOMEN'S LR GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

AUE,MIN= 1.33 MAX,MIN=

AUE=63.6

MAX=73.8

+ MIN=47.8

J <8> = K9801X COLUMBIA LUN240-WL, <2> F40CW, LLF= 0.68

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:48 13-Mar-95 DROJECT: 44-100A AREA: WOMEN'S LR-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

AUE,MIN= 1.29 MAX,MIN=

AUE=41.1

MAX=49.5

+ MIN=31.9

J8 <6> = K9801X COLUMBIA LUN240-WL, (2) F032/35K, LLF= 0.66

3.0 (3.3 49.0 49.5 40.3 32.6 31.9 39.0 48.4 48.4 39.0 31.9 32.6 40.3 49.5 49.0 38.3 1.0 38.3 49.0 49.5 40.3 32.6 31.9 39.0 48.4 48.4 39.0 31.9 32.6 40.3 49.5 49.0 38.3

0.

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 17:13 13-Mar-95 PROJECT: 44-100A AREA: WOMEN'S SHWR 1 GRID: Ceiling Uaines are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=8.89 MAX=17.2 AUE=12.5 AUE_MIN= 1.41 MAX_MIN= 1

anger va

XI <14> = B1491A PRESCOLITE 90HF-3, <1> F032/35K, LLF= 0.73

9.0 [2.8] [4.7] 1.0 [3.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0

0.5 2.5 4.5 8.5 10.5 14.5 18.5 22.5 22.5 28.5 x-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 17:17 13-Mar-95 PROJECT: 44-100A AREA: WOMENS SHWR 1-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

3.48 2.05 MAX/MIN= AUE∠MIN≕ AUE=18.4 MAX=31.2 + MIN=8.98

J8 <5> = K9801X COLUMBIA LUN240-WL, (2) F032/35K, LLF= 0.66

1.3 10.9 10.7 10.4 10.8 1 2.6 16.4 20.3 20.9 16.9 1 2.2 30.1 31.1 36.9 29.5 3 2.6 16.4 20.3 20.9 16.9 1 2.6 16.4 20.3 20.9 16.9 1 4.5 10.9 10.7 10.4 10.8 1 4.5 10.9 10.7 10.4 10.8 1	9.0 5.8 14.3 10.9 10.7 10.4 10.8 11.3 10.1 9.90 2.0 11.0 8.98 11.2 13.5 13.2	7.0 23.1 22.6 16.4 20.3 20.9 16.8 13.7 21.2 17.2 19.5 21.1 17.8 17.9 21.5 19.8	5.0 38.0-38.2 30,1 31,1 38.9 28.5 30.2 38.2 29.5 29.8 38.5 29.6 29.3 28.7 23.D	3.1 22.6 16.4 20.3 20.9 16.9 19.7 21.2 17.2 19.5 21.1 17.8 17.9 21.5 19.3	1.0 (5,8 14,3 10,9 10,7 10,4 10,8 11,3 10,1 9,90 12,0 11,0 8,98 11,2 13,5 13,5	4.5 8.5 12.5 16.5 20.5 27 24.5 28.5
	+ 4.3 10.8 10.7 10.4 10.8 1	2.6 16.4 20.3 20.9 16.B 1	3.2 30.1 31.1 30.9 29.5 3	22.6 16.4 20.3 20.9 16.9 1	+, + + + + + + + + + + + + + + + + + +	8.5

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2.5 USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:01 3-Jan-95 PROJECT: 44-100 AREA: WOMEN'S SHWR 2 GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (V), HÓRZ CALC, Computed in accordance with IES recommendations AUE,MIN= 205.43 MAX,MIN=1971.13 AUE = 10.1MAX=96.6 + MIN=0.04

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x1 <10> = B1073A PRESCOLITE 1128-930, (1) 75A19/SW, LLF= 0.39

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 17:24 13-Mar-95 PROJECT: 44-100A AREA: WOMENS SHWR 2-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations AUE_MIN= 131.99 MAX_MIN= 279.22 AUE=13.1 MAX=27.7 + MIN=0.09

CF <2> = B1777A PRESCOLITE CF123526-462, (1) F26DTT/27K, LLF= 0.50 J8 <3> = K9801X COLUMBIA LUN240-WL, (2) F032/35K, LLF= 0.66

T Top

values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (V), HÖRZ CALC, Z= 2.5 Computed in accordance with IES recommendations USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:18 3-Jan-95 PROJECT: 44-100 AREA: WOMEN'S LOUNGE GRID: Ceiling

A STATE OF THE STA

- MIN=0.00 MAX=70.0 AUE=24.1 AUE>MIN=N/A MAX/MIN=N/A

G <4> = K7965 COLUMBIA 2SG240-EXA.125NOM, (2) F40CW, LLF= 0.68

×-->

1.6 3.0 5.0 9.0 13.0 15.0 19.0 19.0 x -Axis

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 17:27 13-Mar-95 PROJECT: 44-100A AREA: WOMENS LOUNGE-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.00 MAX=65.2 AUE=22.3 AUE.MIN=N/A MAX/MIN=N/A

F8 <4> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

SIX6-4

•	
17.0	27.1 32.4 30.2 0.00 0.00 0.00 0.00 0.00 0.00 0.00
15.0	38.5 4 8 8 4 1 0.00 0.00 0.00 0.00 0.00 0.00 0.00
13.0	47.2 59.4 54.0 0.00 0.00 0.00 0.00 0.00 0.00
11.0	51.1 62.0 56.7 0.50 0.00 0.00 0.00 0.00 0.00
9.0	51.8 6#.8 575 0.00 0.00 0.00 0.00 0.00 0.00
7.0	53.7 65.2 58.5 0.00 0.00 0.00 0.00 0.00 0.00 0.00
5.0	52.9 63.7 52,5 41.9 27.3 32.9 38.6 35.0 24.6 14.6
3.0	46.9 57.8 5017 37.5 32.4 37.8 45.8 41.2 27.4 15.3
1.0	3.0 43.2 39.5 31.0 28.4 33.7 39.3 35.5 24.6 14.5

3.0 5.0 9.0 13.0 15.0 17.0 19.0 x-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:22 3-Jan-95 PROJECT: 44-100 AREA: LOUNGE RESTRM GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= Computed in accordance with IES recommendations

My May 12

+ MIN=8.10 MAX=26.2 AUE=16.8 AUE.MIN= 2.07 MAX.MIN=

74 (3) = K7988K COLUMBIA K240-T, (2) F40CW, LLF= 0.73

11.0 10.2 12.4 13.8 13.7 12.9 12.9 14.0 15.1 15.2 14.5 14.0 14.1 14.0 12.6 10.3 8.10

9.0 11.7 15.9 18.7 18.0 15.5 14.8 17.0 19.8 19.9 17.8 16.9 18.3 19.1 16.5 12.1 8.51

7.0 13.4 20.0 24.6 22.9 18.2 16.8 20.6 25.5 25.7 21.4 19.9 23.0 25.1 21.1 14.1 9.09

5.0 13.7 20.6 25.5 23.7 18.6 17.1 21.0 26.2 26.1 21.9 20.3 23.7 25.9 21.7 14.4 9.19

3.0 12.1 16.7 19.9 19.0 16.1 15.2 17.7 20.7 20.8 18.4 17.5 19.2 20.2 17.4 12.5 8.67

1.0 10.6 13.1 14.7 14.5 13.5 13.4 14.5 15.8 16.0 15.1 14.6 14.8 14.8 13.3 10.7 8.3 31

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USI's LITE*PRO U2.27E Point-By-Point Numeric Output 17:29 13-Mar-95 pROJECT: 44-100A AREA: LOUNGE RESTRM-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations 6.05 3.29 MAX/MIN= AUE/MIN= AUE=16.4 MAX = 30.1+ MIN=4.98

"一个"

w2 <3> = KA9513 COLUMBIA WC240-A, <2> F032/35K, LLF= 0.66

Y-AXIS

11.0 6.75 8.88 10.3 9.56 8.81 8.56 9.64 11.0 11.1 10.1 9.68 10.2 10.5 9.16 6.93 4.98

9.0 10.5 15.8 15.2 18.1 14.7 13.6 16.5 20.0 20.2 17.5 16.5 18.5 13.7 16.8 11.3 6.80

7.0 14.0 22.7 28.7 26.2 20.0 18.1 22.8 29.1 24.3 22.6 26.5 29.3 2.4 3 15.3 8.41

5.0 14.4 23.4 29.6 27.0 20.5 18.5 23.2 29.8 29.9 24.8 23.1 27.2 30.1 25.0 15.6 8.57

1.0 2.42 9.99 11.7 11.2 9.73 9.30 10.5 12.1 12.2 11.1 10.6 11.4 11.8 10.3 7.58 5.31

1.0 5.0 5.0 9.0 13.0 15.0 21.0 25.0 29.0 31.0 3.0 2.0 27.0 31.0 x-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:30 3-Jan-95 PROJECT: 44-100 AREA: SUPPLY STORAGE GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HÖRZ CALC, Z= Computed in accordance with IES recommendations AUE,MIN= 1.61 MAX,MIN= AUE=45.6 MAX=58.5 + MIN=28.3

G <8> = K7965 COLUMBIA 2SG240-EXA.125NOM, (2) F40CW, LLF= 0.68

1188

18.5 22.5 24.5 28.5 28:3 52:1 31:2 28:7 31:6 33:3 31:7 30:0 31:7 33:3 31:6 28:7 31:2 32:1 28:. 38 4 6. 6 45. 0 42. 7 45. 6 48. 5 45. 7 43. 0 45. 7 48. 5 45. 6 42. 7 45. 0 46. 6 39. 3.8 44,6 45.0 42.7 45,6 48.5 45.7 43.0 45,7 48.5 45.6 42.7 45<u>,0 46.6 39.</u> 5,7 54,0 52,1 49,4 52,8 56.4 53.0 48,7 53.0 56,4 52.8 49,4 52.1 54.0 45. 4.9 52.5 50.7 47.8 51.4 54.7 51.5 48.1 51.5 54.7 51.4 47.8 50.7 52.5 44. 6.5 45,7 54.0 52.1 49.4 52.8 56.4 53.0 49.7 53.0 56.4 52.8 49.4 52.1 54.0 45. 8.3 32.1 31.2 29.7 31.6 33.3 31.7 30.0 31.7 33.3 31.6 29.7 31.2 32.1 28. 12.5 16.5 10.5 14.5 1 X-AXIS 12.5 10.5 5.5 16.5 14.5 n, 7-0X1S

· Contract

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 17:32 13-Mar-95 PROJECT: 44-100A AREA: SUPPLY STOR.-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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2.04 1.62 MAX/MIN= AUE/MIN= AUE=42.0 MAX=52.9 + MIN=25.9

F8 <8> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

Jalues are FC, SCALE: 1 IN= 16.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 USI's LITE*PRO U2.27E Point-By-Point Numeric Output 17:00 3-Jan-95 PROJECT: 44-100 AREA; SUPPLY FILING GRID: Ceiling Computed in accordance with IES recommendations

建设的联络点

18.51 AUE,MIN= 11.09 MAX/MIN= AUE=54.0 MAX=90.1 + MIN=4.87

F <23> = K7952 COLUMBIA 2S6440-EXA.125NOM, <4> F40CW, LLF= 0.68

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 17:36 13-Mar-95 PROJECT: 44-100A AREA: SUPPLY FILING-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 16.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations 20.95 AUE,MIN= 12.47 MAX,MIN= AUE=27.7 MAX=46.6 + MIN=2.22 F8 <23> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

10.76

。 - 機能減難器 作用

2.5 17:12 3-Jan-95 Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, USI's LITE*PRO U2.27E Point-By-Point Numeric Output PROJECT: 44-100 AREA: SUPPLY OFFICE GRID: Ceiling Computed in accordance with IES recommendations 43,34 AUE,MIN= 12.75 MAX,MIN= AUE=49.4 MAX=168. + MIN=3.88

r <2> = K7952 COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68 3 <7> = K7965 COLUMBIA 2SG240-EXA.125NOM, (2) F40CW, LLF= 0.68

|23,3 43,1 68.0 78,7 54,7 35,6 21,1 12.6 8,70 6,15 62.0 114; 143,110. 58.0 16.5 27.C 39.2 44.3 37.0 24.3 14.3 8.03 4.79 3.88 48.9 93.0 117. 92.3 51.5 13.6 34.2 53.3 60.8 50.5 31.1 17.0 9.80 6.40 4.94 22.4 40.9 63.0 72.5 60.2 37.3 19.6 11.0 7.30 5.66 71.6 134. 160. 170. 67.5 24,4 45.2 70,7 81.8 67.6 41.9 23.2 15.6 16.2 25.4 46.7 71.0 60.2 25.8 42.1 16.6 26.9 38.9 44.0 37.4 25.4 16.3 12.9 14.2 21.3 36.9 58.3 68.4 58.5 39. 9.0 0. Y-AXIS 17.0 15.0 11.0 о оі

1.0 3.0 5.0 9.0 13.0 17.0 21.0 25.0 29.0 x-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 17:39 13-Mar-95 PROJECT: 44-100A AREA: SUPPLY OFFICE-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

die France

31.32 AUE.MIN= 12.62 MAX.MIN= AUE=39.2 MAX=97.2 MIN=3.10 F8 (9) = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

SIXH-Y

20.1 37.6 58.1 66.9 55.5 34.3 17.6 9.31 6.01 4.58 37.6 71.1 80.5 68.7 35.2 20.9 39.7 63.7 243.50.8 36.5 18.9 10.8 7.24 5.03 31.9 59.4 74.7 57.3 29.7 21.9 41.4 65.2.75.7 62.2 38.4 20.7 13.2 13.7 22.9 43.1 65.9 178 5 30.8 38.5 17.3 31.6 50.0 685 47.3 28.7 15.0 7.82 4.94 3.80 34.5 66.8 84.8 64.9 32.9 21.4 41.0 66.0 77.0 63.0 38.2 20.5 13.7 15.2 26.8 51.1 801.5 95.1 75.7 46.8 20.6 38.7 60.0 69.4 57.7 36.3 20.0 13.4 15.1 27.1 52.6 83.7 97.2 8b.0 49.5 17.6 32.2 51.0 59.8 48.8 30.3 17.3 12.2 13.8 24.0 45.2 72.0 87.08 74.6 14.5 23.9 34.5 39.1 33.3 22.7 14.4 11.1 12.2 18.9 33.5 53.4 62.9 53.4 35.5 14.5 24.1 34.9 39.4 33.1 21.8 12.5 6.74 3.92 3.10 25.3 47.5 59.2 47.1 26.3 21.6 40.9 64.3 74.5 61.3 37.7 20.1 12.4 11.6 12.9 24.1 35.6 47.4 38.4 22. 19.0 17.0 11.0 9.0 7.0 3.0 0.1 13.0 5.0 15.0

1.0 5.0 9.0 13.0 17.0 21.0 25.0 29.0 3.0 7.0 11.0 15.0 15.0 27.0 27.0 x-AXIS

Bldg 51-420 Summary

	Total	Watts	6,313	295	177	177		6,962
int System	Number	Fixtures	107	2	3	3		118
Replacement System	Watts/	Fixture	69	29	29	29		
	Fixture	Type	F8	98	8 7	W8		Totals
m	Total	Watts	19,560	640	306	72	246	20,824
	Number	Fixtures	120	80	7	-	၁	134
Present System	Watts/	Fixture	163	80	153	72	82	
	Fixture	Туре	ட	J2	2	F3	>	Totals

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 51-420 Type: Indoor

Luminaire Fixture Schedule/PRESENT

Project name: Lighting Survey Prepared for: Corps of Engineers

and the state

Prepared by: C. Warren

Project #6941331 Date: 30-Dec-94 UPD: 2.8W/Sq.Ft

TYPE	DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS
F	2X4 4L FLUSH STATIC TROFFER LENS125" POLARIZED PATT.12 COLUMBIA 4PS2*-87-244	F40CW ESB	000 - 163	¥120	
J2	7"X4' 2L WET LOCATION WRAP LENS- PRISMATIC BOTTOM & SIDES COLUMBIA LUN240-WL	F40CW ESB	000	7 8	
L2	1X4 3L SOLID REFL.INDUSTRIAL OPEN - NO SHIELDING COLUMBIA KL340-SOLID	F40CW STD	000 - 153	2	
L3	11"X4' 2L INDUSTRIAL OPEN BOTTOM- NO SHIELDING COLUMBIA CSR240	F40CW/WM ESB	000 - 72	` 1	
W	5"X4"X4' 2L WALL CORRIDOR WRAP LENS- SMOOTH WHITE ACRYLIC COLUMBIA W240-A	F30T12/WW/RS ESB	000	3	

NOTES:

51-420 Schedule

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 51-420 Type: Indoor

Luminaire Fixture Schedule / PROPOSED

Project name: Lighting Survey Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 10-Mar-95

UPD: 1.0W/Sq.Ft

TYPE	DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS
F8	2X4 2L FLUSH STATIC TROFFER LENS-PRISMATIC ACRYLIC PATT-19 COLUMBIA T84PS2*-84-242-2EOCT	FO32/31K EOCT	000 - 59	107	
3 3	7"X4' 2L WET LOCATION WRAP LENS- PRISMATIC BOTTOM & SIDES COLUMBIA LUN240-WL	FO32/35K EOCT	000 - 59	5	
L8	11"X4' 2L INDUSTRIAL OPEN BOTTOM- NO SHIELDING COLUMBIA CSR240	FO32/35K EOCT	000 - 59	3	
w8	5"X4"X4' 2L WALL CORRIDOR WRAP LENS- SMOOTH WHITE ACRYLIC COLUMBIA W240-A	FO32/35K EOCT	000 - 59	3	
	Colonbin W2 0 1				

NOTES:

51-420 Areas

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Area Summary Generated by LitePro V2.27E Provided and supported by USI Lighting, Inc. Filename: 51-420 Type: Indoor

Project Area Summary

Project name: Lighting Survey Prepared for: Corps of Engineers

Prepared by: C. Warren UPD: 2.0W/Sq.Ft

Project #6941331 Date: 10-Mar-95

UPD: 2.0W/Sq.Ft

AREA NAME	DIMENSIONS	LUMINAIRES	W/SQ.FT	QTY
ROOM 34	20x15x8Ft	(6) Type F	3.3	1
ROOM 34-N	20x15x8Ft	(3) Type F8	0.6	1
ROOM 35	13x15x8Ft	(4) Type F	3.3	1
OM 35-N	13x15x8Ft	(4) Type F8	1.2	1
ROOM 33	15x15x8Ft	(4) Type F	2.9	1
ROOM 33-N	15x15x8Ft	(4) Type F8	1.0	1
ROOM 31	16x15x8Ft	(6) Type F	4.1	1
ROOM 31-N	16x15x8Ft	(4) Type F8	1.0	1
ROOM 29	12x15x8Ft	(4) Type F	3.6	1
ROOM 29-N	12x15x8Ft	(4) Type F8	1.3	1
ROOM 32	15x15x8Ft	(5) Type J2 (1) Type W	2.1	1
ROOM 32-N	15x15x8Ft	(3) Type J8 (1) Type W8	1.0	1
ROOM 30	15x15x8Ft	(3) Type J2 (1) Type W	1.4	1
ROOM 30-N	15x15x8Ft	(2) Type J8 (1) Type W8	0.8	1
.JOM 27	15x15x8Ft	(4) Type F	2.9	1
ROOM 27-N	15x15x8Ft	(4) Type F8	1.0	1
ROOM 21	15x15x8Ft	(4) Type F	2.9	1

Page 2 51-420 Areas

	4			
15x15x8Ft 	(4) 	Type F8	1.0	1
14x15x8Ft	(4)	Type F	3.1	1
14x15x8Ft	(4)	Type F8	1.1	1
14x15x8Ft	(4)	Type F	3.1	1
14x15x8Ft	(4)	Type F8	1.1	1
16x15x8Ft	(4)	Type F	2.7	1
16x15x8Ft	(4)	Type F8	1.0	1
10x15x8Ft	(4)	Type F	4.3	1
10x15x8Ft	(3)	Type F8	1.2	1
13x15x8Ft	(4)	Type F	3.3	1
13x15x8Ft	(4)	Type F8	1.2	1
18x15x8Ft	(4)	Туре F	2.4	1
18x15x8Ft	(4)	Type F8	0.9	1
14x12x8Ft	(4)	Type F	3.9	1
14x12x8Ft	(2)	Type F8	0.7	1
14x19x8Ft	(2) (1) (1)	Type F Type L3 Type W	1.8	1
14x19x8Ft	(1) (1) (1)	Type F8 Type L8 Type W8	0.7	1
10x15x8Ft	(2)	Type L2	2.0	1
10x15x8Ft	(2)	Type L8	0.8	1
20x15x8Ft	(6)	Туре F	3.3	1
20x15x8Ft	(6)	Type F8	1.2	1
19x15x8Ft	(6)	Туре F	3.4	1
19x15x8Ft	(4)	Type F8	0.8	1
20x15x8Ft	(6)	Type F	3.3	1
20x15x8Ft	(6)	Type F8	1.2	1
	14x15x8Ft 14x15x8Ft 16x15x8Ft 16x15x8Ft 10x15x8Ft 10x15x8Ft 13x15x8Ft 13x15x8Ft 18x15x8Ft 14x12x8Ft 14x12x8Ft 14x12x8Ft 14x19x8Ft 10x15x8Ft 20x15x8Ft 19x15x8Ft 19x15x8Ft 19x15x8Ft	14x15x8Ft (4) 14x15x8Ft (4) 14x15x8Ft (4) 14x15x8Ft (4) 16x15x8Ft (4) 16x15x8Ft (4) 10x15x8Ft (4) 10x15x8Ft (4) 13x15x8Ft (4) 13x15x8Ft (4) 18x15x8Ft (4) 18x15x8Ft (4) 14x12x8Ft (4) 14x12x8Ft (2) 14x19x8Ft (1) (1) 10x15x8Ft (2) 10x15x8Ft (2) 20x15x8Ft (6) 19x15x8Ft (6) 19x15x8Ft (6) 19x15x8Ft (6) 19x15x8Ft (6)	14x15x8Ft (4) Type F 14x15x8Ft (4) Type F8 14x15x8Ft (4) Type F8 16x15x8Ft (4) Type F8 16x15x8Ft (4) Type F8 10x15x8Ft (4) Type F8 10x15x8Ft (3) Type F8 13x15x8Ft (4) Type F8 13x15x8Ft (4) Type F8 18x15x8Ft (4) Type F8 14x12x8Ft (4) Type F8 14x12x8Ft (2) Type F8 14x19x8Ft (2) Type F8 (1) Type W 14x19x8Ft (1) Type F8 (1) Type W8 10x15x8Ft (2) Type L8 (1) Type W8 10x15x8Ft (2) Type L2 10x15x8Ft (6) Type F 19x15x8Ft (6) Type F8 19x15x8Ft (4) Type F8 19x15x8Ft (4) Type F8	14x15x8Ft (4) Type F 3.1 14x15x8Ft (4) Type F8 1.1 14x15x8Ft (4) Type F 3.1 14x15x8Ft (4) Type F8 1.1 16x15x8Ft (4) Type F8 1.0 10x15x8Ft (4) Type F8 1.0 10x15x8Ft (4) Type F8 1.2 13x15x8Ft (4) Type F8 1.2 18x15x8Ft (4) Type F8 0.9 14x12x8Ft (4) Type F8 0.9 14x12x8Ft (4) Type F8 0.7 14x19x8Ft (2) Type F8 0.7 14x19x8Ft (2) Type F8 0.7 (1) Type W8 0.7 10x15x8Ft (2) Type F8 0.7 (1) Type W8 0.7 10x15x8Ft (2) Type L3 0.7 (1) Type W8 0.8 20x15x8Ft (6) Type F8 0.2 19x15x8Ft (6) Type F8 0.8

51-420A Areas

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Area Summary
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 51-420A Type: Indoor

Project Area Summary

Project name: Lighting Survey Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 10-Mar-95 UPD: 1.7W/Sq.Ft

QTYW/SQ.FT LUMINAIRES DIMENSIONS AREA NAME 1.7 1 Type F 13x15x8Ft ROOM 2 ----Type F8 13x15x8Ft ROOM 2-N 1 Type F 19x15x8Ft ROOM 4 ____ 1 (4) 0.8 Type F8 OM 4-N ____ 3 Type F 15x15x8Ft ROOMS 6/8/10 _____ 3 Type F8 15x15x8Ft ROOMS 6/8/10-N 1 Type F (2) 13x15x8Ft 1 0.6 Type F8 13x15x8Ft ROOM 9-N ____ Type F 18x15x8Ft ROOM 12 1 0.9 Type F8 18x15x8Ft ROOM 12-N 2.6 1 (4)Type F ROOM 11 1 Type F8 17x15x8Ft ROOM 11-N 1 Type F 27x15x8Ft ROOM 14 ____ 0.9 1 Type F8 27x15x8Ft ROOM 14-N ____ 1 20x15x8Ft ROOM 13 (4) Type F8 20x15x8Ft ROOM 13-N

51-420A Calculations

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Calculation Summary
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 51-420A Type: Indoor

Project Calculation Summary

Project name: Lighting Survey Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331

Date: 10-Mar-95 UPD: 1.7W/Sq.Ft

AREA NAME	DIMENSIONS	GRID NAME	λV	/E	MAX	MIN
ROOM 2	13x15x8Ft	Ceiling	<+>	39.4	81.9	13.0
ROOM 2-N	13x15x8Ft	Ceiling	<+>	25.2	54.3	7.7
	19x15x8Ft	Ceiling	<+>	83.1	120.8	38.2
ROOM 4-N	19x15x8Ft	Ceiling	<+>	36.1	60.2	12.5
ROOMS 6/8/10	15x15x8Ft	Ceiling	<+>	68.7	109.7	27.8
ROOMS 6/8/10-N	15x15x8Ft	Ceiling	<+>	43.8	73.2	17.4
ROOM 9	13x15x8Ft	Ceiling	<+>	39.4	81.9	13.3
ROOM 9-N	13x15x8Ft	Ceiling	<+>	25.2	54.3	7.9
ROOM 12	18x15x8Ft	Ceiling	<+>	60.7	92.1	25.6
ROOM 12-N	18x15x8Ft	Ceiling	<+>	38.8	60.5	16.1
ROOM 11	17x15x8Ft	Ceiling	<+>	61.5	92.9	27.0
ROOM 11-N	17x15x8Ft	Ceiling	<+>	39.2	60.9	16.9
ROOM 14	27x15x8Ft	Ceiling	<+>	61.9	96.6	22.0
ROOM 14-N	27x15x8Ft	Ceiling	<+>	39.4	63.3	13.3
ROOM 13	20x15x8Ft	Ceiling	<+>	55.9	90.8	20.2
OOM 13-N	20x15x8Ft	Ceiling	<+>	35.7	59.9	12.3

51-420 Calculations

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

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Project Calculation Summary
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 51-420 Type: Indoor

Project Calculation Summary

Project name: Lighting Survey Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 10-Mar-95

UPD: 2.0W/Sq.Ft

AREA NAME	DIMENSIONS	GRID NAME	ΑV	/E	MAX	MIN
ROOM 34	20x15x8Ft	Ceiling	<+>	82.8	144.5	26.5
 ROOM 34-N	20x15x8Ft	Ceiling	<+>	26.9	56.9	7.0
POOM 35	13x15x8Ft	Ceiling	<+>	77.2	135.0	29.8
ROOM 35-N	13x15x8Ft	Ceiling C.U. CALC	<+>	49.1 45.3	90.3	18.3
ROOM 33	15x15x8Ft	Ceiling	<+>	68.2	115.7	27.5
 ROOM 33-N	15x15x8Ft	Ceiling	<+>	43.4	71.4	17.2
ROOM 31	16x15x8Ft	Ceiling	<+>	96.9	150.2	59.1
ROOM 31-N	16x15x8Ft	Ceiling	<+>	43.3	72.6	17.2
ROOM 29	12x15x8Ft	Ceiling	<+>	83.3	118.7	48.3
ROOM 29-N	12x15x8Ft	Ceiling	<+>	52.9	73.1	30.7
ROOM 32	15x15x8Ft	Ceiling	<+>	34.3	63.7	0.4
ROOM 32-N	15x15x8Ft	Ceiling	<+>	21.4	43.2	0.3
ROOM 30	15x15x8Ft	Ceiling	<+>	20.6	46.4	0.2
ROOM 30-N	15x15x8Ft	Ceiling	<+>	13.8	32.4	0.1
	15x15x8Ft	Ceiling	<+>	69.8	132.6	23.2
 .JOM 27-N	15x15x8Ft	Ceiling	<+>	44.5	88.4	14.1
ROOM 21	15x15x8Ft	Ceiling	<+>	69.8	132.6	23.2

Page 2						
51-420 Calculations OM 21-N	15x15x8Ft	Ceiling	<+>	44.5	88.4	14.1
ROOM 25	14x15x8Ft	Ceiling	<+>	76.5	136.6	28.8
ROOM 25-N	14x15x8Ft	Ceiling	<+>	47.5	74.1	22.2
ROOM 22	14x15x8Ft	Ceiling	<+>	76.5	136.6	28.8
ROOM 22-N	14x15x8Ft	Ceiling	<+>	47.5	74.1	22.2
ROOM 23	16x15x8Ft	Ceiling	<+>	68.8	132.3	21.3
ROOM 23-N	16x15x8Ft	Ceiling	<+>	43.3	72.6	17.2
ROOM 20/24	10x15x8Ft	Ceiling	<+>	95.9	144.1	44.6
ROOM 20/24-N	10x15x8Ft	Ceiling	<+>	45.1	61.2	31.1
ROOM 26	13x15x8Ft	Ceiling	<+>	83.5	137.1	33.9
ROOM 26-N	13x15x8Ft	Ceiling	<+>	50.9	75.0	25.1
ROOM 28	18x15x8Ft	Ceiling	<+>	60.7	92.2	25.3
OOM 28-N	18x15x8Ft	Ceiling	<+>	38.8	60.6	15.8
MEN'S ROOM	14x12x8Ft	Ceiling	<+>	91.2	141.3	42.9
MEN'S ROOM-N	14x12x8Ft	Ceiling	<+>	29.5	55.3	11.4
WOMEN'S ROOM	14x19x8Ft	Ceiling	<+>	37.0	108.5	0.0
WOMEN'S ROOM-N	14x19x8Ft	Ceiling	<+>	21.1	41.5	0.0
COPIER ROOM	10x15x8Ft	Ceiling	<+>	23.1	31.9	15.4
COPIER ROOM-N	10x15x8Ft	Ceiling	<+>	30.4	41.3	21.1
ROOM 5	20x15x8Ft	Ceiling	<+>	81.9	119.9	36.9
ROOM 5-N	20x15x8Ft	Ceiling	<+>	52.2	79.1	23.4
ROOM 3	19x15x8Ft	Ceiling	<+>	82.1	121.1	28.0
ROOM 3-N	19x15x8Ft	Ceiling	<+>	35.7	60.6	8.3
ROOM 1	20x15x8Ft	Ceiling	<+>	81.9	119.9	36.9
ROOM 1-N	20x15x8Ft	Ceiling	<+>	52.2	79.1	23.4

1-19-14 St.

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OTES:

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:28 29-Dec-94 PROJECT: 51-420 AREA: ROOM 34 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALE, Z= 2.5 Computed in accordance with IES recommendations

AND THE TOTAL

+ MIN=26.5 MAX=145. AUE=82.8 AUE/MIN= 3.13 MAX/MIN= 5.46

F < 6 = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

P. S. Bridge Bridge Lot

Y-AXIS 14.5 33.4 38.7 44.3 43.6 41.7 43.5 44.4 40.2 34.4 26.5 12.5 53.0 74.3 75.3 75.7 74.1 71.3 65.9 69.9 57.0 39.0 + + 10.5 75.9 99.7 108. 115. 112. 107. 112. 114. 86.7 + + + 4. + 8.5 120. 88.2 139. 134. 142. 143. 139. 76.5 111. 6.5 135. F 115. 81.3 140. 140. 145. 143. 118. 134. 84.5 4.5 91.4 111. 120. 118. 116. 116. 74.8 101. 111. + 2.5 79.5 22.8 73.5 78.5 80.4 68.2 74.8 0.5 47.5 46.U 44.1 46.5 13.0 9,0 5.0 1.() 19.0 15,0 11.0 2.0 3.0

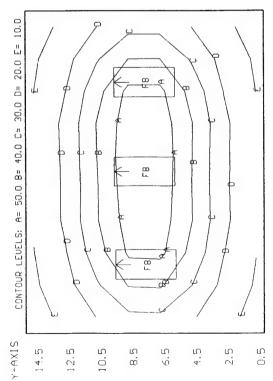
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USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:37 10-Mar-95 PROJECT: 51-420 AREA: RDOM 34-N GRID: Cerling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

Called Salaries - V

+ MIN=7.02 MAX=56.9 AUE=26.9 AUE.MIN= 3.83 MAX.MIN= 8.11

rg ⟨3⟩ = 9858 CGLUMBIA T84PS2*-84-242-2EOCT, (2) FO32/31K, LLF= 0.66



· Salahan were f

1.C 5.0 9.0 13.0 17.0 19.0 x-AXIS

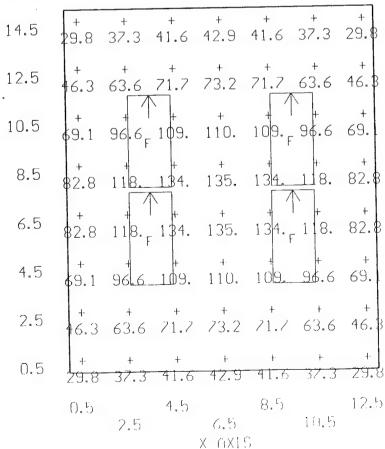
ALTONOON STATE OF THE

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:34 29-Dec-94 PROJECT: 51-420 AREA: ROOM 35 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=29.8 MAX=135. AUE=77.2 AUE/MIN= 2.59 MAX/MIN= 4.53

 $F \langle 4 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

Y-AXIS

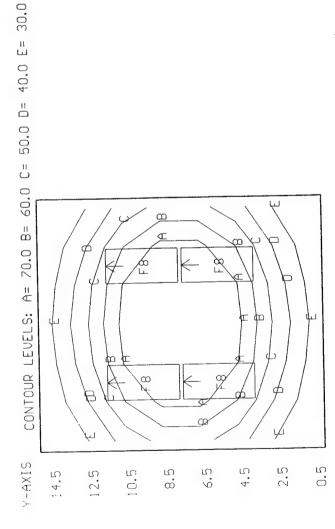


USI's LITE*DRO U2.27E Point-By-Point Numeric Output 14:40 10-Mar-95 PROJEC^T: 51-420 AREA: ROOM 35-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

4.93 2.68 MAX/MIN= AUE/MIN= AUE=49.1 MAX=90.3 + MIN=18.3

anger 1, St

F8 <4> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66



0.5 4.5 8.5 10.5 x-AXIS

10 19 • USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:45 29-Dec-94 PROJECT: 51-420 AREA: ROOM 33 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=27.5 MAX=116. AUE=68.2 AUE/MIN= 2.48 MAX/MIN= 4.20

F (4) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

CHEROMORIES

Y-AXIS 14.5 36.1 34.6 34.6 36.1 34.0 27.5 34.0 12.5 62.0 58.9 10.5 8.5 99.9 99.9 116. 6.5 79.**0** 99.9 99.9 4.5 2.5 62.0 58.9 56.4 58.9 62.0 0.5 34.6 36.1 36.1 12.5 4.5 8.5 0.5 14.5 10.5 6.5 2.5 X-AXIS

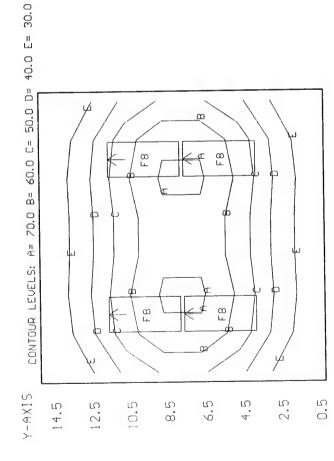
र प्रदेशक दिस्ता है।

USI's LITE*PRO U2.2ZE Point-By-Point Numeric Output 14:44 10-Mar-95 PROJECT: 51-420 AREA: ROOM 33-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=17.2 MAX=71.4 AUE=43.4 AUE.MIN= 2.52 MAX.MIN= 4.16

F8 <4>> = 9868 COLUMBIA T84PS2*-84-242-2EOCI, (2) FO32/31K, LLF= 0.66

一、4447.514.64.64.64.6



0.5 4.5 8.5 12.5 14.5 x-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:53 29-Dec-94 PROJECT: 51-420 AREA: ROOM 31 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

 $(s^{-1},\mathfrak{A}_{r}) = \epsilon$

+ MIN=59.1 MAX=150. AUE=96.9 AUE/MIN= 1.64 MAX/MIN= 2.54

F (6) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

Y-AXIS

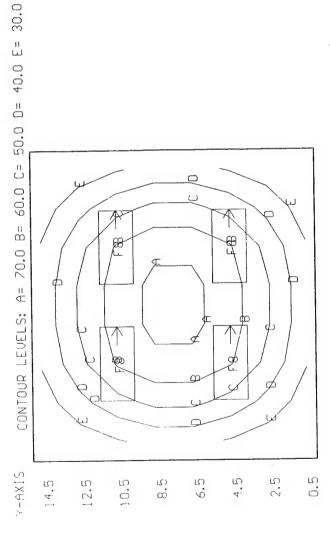
14.5	+ 59.2	+ 78.0	83.5	+ 78.0	+ 78.0	+ 83.5	+ 78.0	59.1
12.5	+ 69.1	+ F 97.1	+>	+ 104.	+ 104.	+ F	+> 97.0	69.0
10.5	+ 69.2	+ 101.	+ 123.	+ 129.	+ 129.	+ 122.	101.	69.0
8.5	+ 63.8	+ 97.9	+ 131.	148	148. F	130.	97.6	63.6
6.5	+ 64.1	+ 98.8	132.	150.	150.	132.	98.6	+ 64.0
4.5	+ 70.0	103.	126.	+ 133.	133.	126.	103.	69.9
2.5	+ 69.8	+ F 98.5	+>	+ 107.	+ 102.	+ 1	+> 98.5	+ 69.8
0.5	+ 59.6	+ 78.7	+ 84.5	+ 79.3	+ 79.3			
	1.0	3.0	5.0	7.0 X-6	9.0 AXIS	11.0	13.0	15.0

 $\{g_{ij},g_{ij},\ldots,g_{ij}\}$

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:48 10-Mar-95 PROJECT: 51-420 AREA: ROOM 31-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

4.22 2.51 MAX/MIN= AUE/MIN= AUE=43.3 MAX=72.6 + MIN=17.2 = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66 F8 <4>

思维的企业数据外



1.0 5.0 9.0 13.0 15.0 x-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:58 29-Dec-94 PROJECT: 51-420 AREA: ROOM 29 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=48.3 MAX=119. AUE=83.3 AUE/MIN= 1.73 MAX/MIN= 2.46

F (4) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

"" 对自己的

Y-AXIS 14.5 48.3 67.0 81.8 81.9 67.2 48.5 12.5 62.9 10.5 119. 66.2 119. 97.5 8.5 103. 86.0 60.6 60.3 85.8 103. 6.5 103. 86.0 60.6 60.3 85.8 103. 4.5 65.9 2.5 114. 93.5 63.2 93.2 114. 62.9 0.5 48.5 67.0 5.0 9.0 1.0 11.0 2.0 3.0 X-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:51 10-Mar-95 PROJECT: 51-420 AREA: ROOM 29-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

2.38

F8 <4> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

Y-AXIS
CONTOUR LEVELS: A= 70.0 B= 60.0 C= 50.0 D= 40.0 E= 30.0

14.5

8.5

6.5

0.5

2.5

2.5

0.5

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3.0 5.0 9.0 11.0 x-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 09:18 30-Dec-94 PROJECT: 51-420 AREA: ROOM 32 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

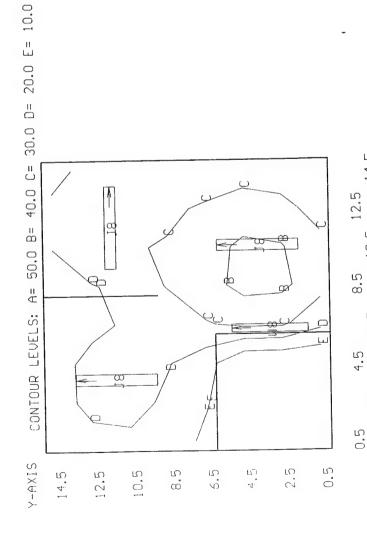
+ MIN=0.39 MAX=63.7 AUE=34.3 AUE/MIN= 87.69 MAX/MIN= 162.85

J2 $\langle 5 \rangle$ = K9801X COLUMBIA LUN240-WL, (2) F40CW, LLF= 0.68 W $\langle 1 \rangle$ = K8957 COLUMBIA W240-A, (2) F30T12/WW/RS, LLF= 0.60

Y-AXIS 14.5 28.9 20.2 24.4 25.5 35.1 3.8 37.0 12.5 37.5 10.5 30. 8.5 40.4 6.5 41.9 4.5 0.59 0.54 2.5 45. 0.54 0.54 0.5 0.51 30.3 12.5 8.5 4.5 0.5 10.5 14.5 6.5 2.5 X-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:57 10-Mar-95 PROJECT: 51-420 AREA: ROOM 32-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations AUE,MIN= 84.48 MAX,MIN= 170.48 AUE = 21.4MAX=43.2 + MIN=0.25

J8 <3> = K9801X COLUMBIA LUN240-WL, <2> F032/35K, LLF= 0.66 W8 <1> = K8957 COLUMBIA W240-A, <2> F032/35K, LLF= 0.58



14.5

10.5

6.5 X-AXIS

2.5

的歌声歌歌

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 09:05 30-Dec-94 PROJECT: 51-420 AREA: ROOM 30 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

心含有**对**数15世纪

+ MIN=0.15 MAX=46.4 AUE=20.6 AUE/MIN= 129.47 MAX/MIN= 292.00

J2 $\langle 3 \rangle$ = K9801X COLUMBIA LUN240-WL, (2) F40CW, LLF= 0.68 W $\langle 1 \rangle$ = K8957 COLUMBIA W240-A, (2) F30T12/WW/RS, LLF= 0.60

Y-AXIS 14.5 0.18 0.23 0.22 30.9 32.4 29.5 21.0 12.5 29.6 10.5 8.5 0.22 39.5 34.5 27. 6.5 33.2 4.5 31.2 16.6 4. 4. 2.5 27.6 8.51 10.1 12.9 0.5 4.75 8.43 11.2 23.8 18.1 8.5 12.5 4.5 0.5 10.5 14.5 6.5 2.5 X-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:00 10-Mar-95 PROJECT: 51-420 AREA: ROOM 30-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

AUE,MIN= 183.11 MAX,MIN= 428.63 AUE=13.8 MAX=32.4 + MIN=0.07

J8 <2> = K9801X COLUMBIA LUN240-WL, (2) F032/35K, LLF= 0.66 W8 <1> = K8957 COLUMBIA W240-A, (2) F032/35K, LLF= 0.58

and the second

Y-AXIS

•				- 0	+6	<u> </u>	φ.	1+10	i.
	+	+ 0.1	+ 0.1	+ 0.1	† [-	1	32	· 12	1 4
	0.10	0.11	0.11	0.10	+ 0.10	15.8	20.1	+	12.5
	0.08	0.11	0.11	0.10	+ 1.0	12.1	12.9	+ 11.5	10.5
	+6.6	13.4	+15.	+ 4.	+ 11.3	+ 11.4	8.81	+ +	8.5 AXIS
	14.9	19.6	21.7	19.7	18.1	+11.9	4.74	++	6.5 X-A
	16.4	o ₹ 7,	20 + CC	23.3	22.7	+ 65	+ 22.1	+ + 1	٠. ت
	+ 15.1	20.6	23.3	22.9	243		25.6	+ 6.5	2.5
	2.4	+ ru 4	+ 2	+ &	+ 2.2	+ 4- L'	+ 23.7	+ 00	0.5
7 -	14.5	12.5	0.0	ဏ်	رن رن	7.	2.5	0.5	

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 09:31 30-Dec-94 PROJECT: 51-420 AREA: ROOM 27 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=23.2 MAX=133. AUE=69.8 AUE/MIN= 3.01 MAX/MIN= 5.72

F (4) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

CONTRACTOR OF

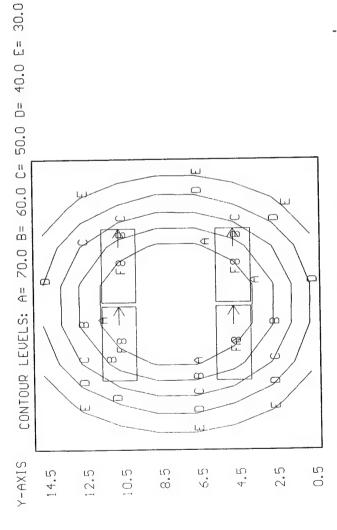
Y-AXIS								
14.5	23.4	+ 34.9	+ 50.4	+ 59.8	+ 59.9	+ 50.7	35.3	23.6
12.5	† 31.5	+ 53.4	80.2	98.1	98.4	+ 80.7	+ 54.0	31.9
10.5	+ 38.1	+ 66.2	+ F	126.	+ F	+>	+ 67.0	38.6
8.5	+	+ 70.6	+ 107.	132.	+ 133.	+ 108.	71.4	+ 41.3
6.5			107.					
4.5	† 38.0	+ 66.0	+ F	126.	+ F	102.	+ 66.8	38.5
2.5	† 31.3	± 53.1	+ 79.5	+ 97.3	+ 97.5	* 80.0	† 53.6	31.7
0.5	1		+ 49.8					- 1
	0.5	2.5	4.5		8.5 XIS	10.5	12.5	14.5

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:03 10-Mar-95 PROJECT: 51-420 AREA: ROOM 27-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=14.1 MAX=88.4 AUE=44.5 AUE/MIN= 3.17 MAX/MIN=

F8 <4> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

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0.5 4.5 8.5 12.5 14.5 x-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 09:36 30-Dec-94 PROJECT: 51-420 AREA: ROOM 25 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=28.8 MAX=137. AUE=76.5 AUE/MIN= 2.65 MAX/MIN= 4.74

 $F \langle 4 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

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Y-AXIS 31.2 44.3 57.1 61.6 55.5 41.7 28.8 14.5 + 12.5 90.0 65.5 93.0 101. 44.5 70.1 10.5 49.4 8.5 87.5 53.0 93.9 126. 137. 121. 58.5 6.5 93.9 126. 137. 121. 4.5 2.5 44.5 /0.1 93.0 101. 90.0 65.5 40.6 0.5 41.7 55.5 61.6 57.1 44.3 13.0 9.0 5.0 1.() 11.0 3.0 7.0 X AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:10 10-Mar-95 PROJECT: 51-420 AREA: ROOM 25-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=22.2 MAX=74.1 AUE=47.5 AUE/MIN= 2.13 MAX/MIN= 3.33

F8 <4> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, <2> F032/31K, LLF= 0.66

Y-AXIS

22.2	31.8	39,3	+4.5	+ 4 5.	39,3	31.8	+ + 22.2	13.0
29.5	43.8	56.3	+ 62.7	+ 62.7	56.3	+3.8	4+	11.0
33.4	50.7	+ F8	72.3	72.3	+ F8 65.0 6	50.7	33.4	0.0
4.4	52.1	4+	74.1	74.1	+ 65.5	52.1	+ 4.4	7.0 X-AXIS
33.4	50.7	£ 5.0	72.3	72.3	55.0	50.7	33.4	0. ×
29.5	43.8	+ F8 56.3	62.7	4 + 62.7	+ F8 56.3	+3.8	+ 73.5	0.0
22.2	31.8	39.3	+ 4.	44.5	39,3	31.8	+ + 7	1 0
7.	2.5	10.5	8.5	6.5	4.5	2.5	0.5	

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 09:40 30-Dec-94 PROJECT: 51-420 AREA: ROOM 23 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U); HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=21.3 MAX=132. AUE=68.8 AUE/MIN= 3.24 MAX/MIN= 6.22

F <4> = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF = 0.68

Y-AXIS

Sugar Sugar

14.5	+ 25.3	38.1	+ 53.6	+ 65.2	+ 64.6	+ 52.0	+ 36.3	23.9
12.5	+ 33.4	56.9	85.1	- 11				
10.5	+ 38.8	+ 68.6	+ F 105.	+ 128.	+ F 127.	102.	+ 64.9	36.3
8.5	+ 41.1	72.1	+ 109.	+ 132.	131.	+ 105.	+ 68.2	+ 38.5
6.5	+ 40.7		+ 108.					
4.5	+ 37.3	+ 66.0	+ F	123.	+ F 122.	97.7	+ 62.4	+ 34.9
2.5	+ 30.6	+ 51.2	+ 75.7	+ 91.6	+ 90.7	+ 23.4	+ 48.6	+ 28.8
0.5	+ 22.3	+ 32.5	+ 44.6	+ 53.6	+ 53.2	+ 43.4	31.1	+ 21.3
	1.0	3.0	5.0	7.0 X-6		11.0	13.0	15.0

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:12 10-Mar-95 PROJECT: 51-420 AREA: ROOM 23-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

4.22 2.51 MAX/MIN= AUE/MIN= AUE=43.3 MAX=72.6 + MIN=17.2 F8 <4> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

Y-AXIS

1. T.	17.2	25.1	30.8	33.4	33.4	30.8	25.1	17.2
12.5	4 24.3	36.9	47.1	50.8	50.8	47.1	36.9	24.3
ر ب	29.1	46.5	F8 60.9	100	64+5	F.B. 60.9	4,6	29.1
ъ.5	# cc # cc # cc	52.6	4 67.5	72.6	72.6	67.5	52.6	33.0
6.5	33.0	52.6	67.5	72.6	72.6	67.5	52.6	33.0
4. ເນ	29.1	+6	FB 60.9	12	4 4 4	60.9	44.5	29.1
2,5	+ 2 + 3	36.9	47.1	50.8	50.8	+47.1	36.9	24.3
0.5	+ +	+ 25.1	30.8	33.4	33.4	30.8	+ 25.1	+
		3.0	5.0	9.7	9.0	11.0	13.0	15.0
				_ <				

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 10:02 30-Dec-94 PROJECT: 51-420 AREA: ROOM 21 GRID: Ceiling Values are FC, SCALE: I IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=23.2 MAX=133. AUE=69.8 AUE/MIN= 3.01 MAX/MIN= 5.72

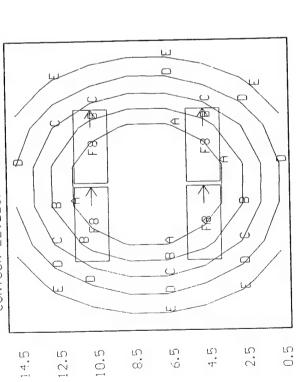
 $F \langle 4 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

Y-AXIS 14.5 35.3 50.7 59.8 59.9 34.9 50.4 12.5 54.0 80.7 31.\$ 80.2 98.1 98.4 53.4 10.5 66.2 8.5 107. 132. 133. 108. 6.5 133. 108. 70.6 107. 132. 4.5 38.5 66.8 66.0 2.5 97.3 97.5 80.0 53.6 29.5 53.1 + 0.5 49.8 58.9 8.5 12.5 4.5 0.5 14.5 6.5 10.5 2.5 X-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:04 10-Mar-95 PROJECT: 51-420 AREA: ROOM 21-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

6.28 3.17 MAX/MIN= AUE/MIN= AUE=44.5 MAX=88.4 + MIN=14.1 F8 <4> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

CONTOUR LEVELS: A= 70.0 B= 60.C C= 50.0 D= 40.0 E= 30.0 Y-AXIS



A Contract

0.5 4.5 8.5 12.5 14.5 x-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 10:05 30-Dec-94 PROJECT: 51-420 AREA: ROOM 22 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=28.8 MAX=137. AUE=76.5 AUE/MIN= 2.65 MAX/MIN= 4.74

 $F \langle 4 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

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Y-AXIS 14.5 31.2 44.3 57.1 61.6 55.5 41.7 28.8 12.5 70.1 93.0 101. 90.0 10.5 49.4 8.5 137. 121. 93.9 126. 6.5 121. 87.5 53.0 126. 137. 93.9 4.5 49.4 2.5 70.1 93.0 101. 90.0 65.5 40.6 0.5 28.8 57.I 61.6 55.5 41.7 9.0 13.0 5.0 1.0 11.0 7.0 3.0 X-AXIS

USI's LITE*2RO U2.27E Point-By-Point Numeric Output 15:15 10-Mar-95 PROJECT: 51-420 AREA: ROOM 22-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

2.13 MAX/MIN= MAX=74.1 AUE=47.5 AUE/MIN= + MIN=22.2

F8 <4> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

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Y-AXIS

Cil	ω	m	D.	Ŋ	3	Φ	1	0
+ 22.2	31.8	39.	+ 4	+ 4+	39,	31.	+ 77.	13.0
29.5	43.8	56.3	4 62.7	62.7	8 + 3	43.8	79.5	11.0
33.4	50.7	+ F8	72.3	72.3	4 65 0	50.7	33.4	9.0
4.4	52.1	4 + 65.5	74.1	74.1	65.5	52.1	34.4	7.0 X-AXI
33.4	50.7	8 + 8	72.3	72.3	3 65.0	50.7	33.4	0
29.5	43.8	+ F	52.7	+ 52.7	56.3	4 K.	+ 29.5	3.0
22.2	31.8	39.3	+ 4 R)	+ 4. D.	39.4	+ 1. 0	+ 7.72	1.0
ر. د.	12.5	10.5	о Г	٠. ت	4. D		0.5	

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 10:09 30-Dec-94 PROJECT: 51-420 AREA: ROOM 20/24 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=44.6 MAX=144. AUE=95.9 AUE/MIN= 2.15 MAX/MIN= 3.23

 $F \langle 4 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

Y-AXIS 14.5 45.0 55.2 59.0 54.9 44.6 12.5 99.5 90.8 69.2 91.4 10.5 8.5 131. 99.4 101. 131. 144. + 6.5 99.7 132. 144. 131. 4.5 + 2.5 79.4 104. 113. 103. 78.4 0.5 53.9 72.5 67.1 9.0 1.0 5.0 7.0 3.0 X-AXIS

USI's LITE*DRO U2.27E Point-By-Point Numeric Output 15:17 10-Mar-95 PROJECT: 51-420 AREA: ROOM 20/24-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

AUE=45.1 AUE/MIN= 1.45 MAX/MIN= 1.97 MAX=61.2 + MIN=31.1 F8 <3> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

Y-AXIS

	31.1	33.4	35.0	34.0	34.0	35.0	33.4	4+	9.0
	† *	60.0 50.9	60.7 52.7	+ B	51.9	60.7 52.7	100	44.8	7.0
	5187		+ 60.7	6182		+ 60.7	0803		5.0 X-AXIS
	+ 4 4	50.9	52.7	4 10	51.9	52.7	+ OC 0	4 4 4 8 . 8	3.0
	A.1.1	33.4	35.0	34.0	34.0	35.0	33.4	+ 5	1.0
0174-1	1. 10.	12.5	10.5	8.5	6.5	4.	2.5	0.0	

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 10:16 30-Dec-94 PROJECT: 51-420 AREA: ROOM 26 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=33.9 MAX=137. AUE=83.5 AUE/MIN= 2.46 MAX/MIN= 4.04

F (4) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

A WAYNO

Y-AXIS 14.5 33.9 47.1 59.2 61.9 53.8 40.7 12.5 87.6 62.5 96.2 101. 75.1 10.5 78.2 8.5 118. 64.9 101. 130. 137. 6.5 118. 83.4 130. 137. 64.9 101. 4.5 2.5 75.4 96.6 102. 88.0 62.7 0.5 54.1 59.6 62.3 13.0 9.0 1.0 5.0 2.0 11.0 3.0 X-AXIS

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USI's LITE*DRO U2.27E Point-By-Point Numeric Output 15:20 10-Mar-95 PROJECT: 51-420 AREA: ROOM 26-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

2.03 MAX/MIN= MAX=75.0 AUE=50.9 AUE/MIN= + MIN=25.1 F8 <4> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

3.XA->

1						1111			13.0	
	28.7	+1.9	234	59.8	59.9	73 4	+1.9	+ 28.7	11.0	
	33.2	50.4	64 ±8	71.7	75.0 71.7	64 * 8	50.4	33.2	0.6	
	35.0	52.8	+ + 99	75.0	75.0	+ 99	52.8	35.0	7.0	-AXIS
	31.5 34.5	52.0	\$6.00 \$6.00	74.0	74.0	A99	47.0 52.0	34.5	5.0	×
	31.5	+ 4 7.0	50 50 50	57.1	4+	60.5 60.5	+ 47.0	31.5	3.0	
	25.1	ص ^ل من +	+ 4	50. 80.	50.8	+ 4	აშ. გე	+ 25.1	1.0	
0 1 4 1	7.	:2.5	ب ن ن	യ	6.5	4. ت	2.5	0.0		
•										

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 10:38 30-Dec-94 PROJECT: 51-420 AREA: ROOM 28 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=25.3 MAX=92.2 AUE=60.7 AUE/MIN= 2.40 MAX/MIN= 3.65

 $F \langle 4 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

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Y-AXIS 25.3 35.0 41.9 41.5 39.5 41.4 42.1 35.5 25.8 14.5 12.5 55.8 68.1 65.6 60.9 65.3 68.3 56.6 10.5 47.5 74.9 92.0 88.1 81.2 87.7 92.2 76.0 8.5 47.5 74.9 92.0 88.1 81.3 87.7 92.2 76.0 6.5 4.5 45.5 2.5 36.6 56.3 68.6 66.1 61.4 65.8 68.8 57.1 37.5 0.5 42.6 35.9 41.9 40.0 42.U 35.4 42.5 17.0 9.0 13.0 5.0 1.0 15.0 7.0 11.() 3.0 X-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:21 10-Mar-95 PROJECT: 51-420 AREA: ROOM 28-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

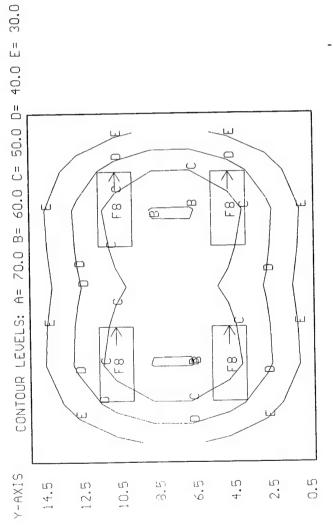
F8 <4> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66 MAX=60.6 + MIN=15.8

3.82

2.45 MAX/MIN=

AUE/MIN=

AUE=38.8



17.0 15.0 13.0 X-AXIS 9.0 7.0 5.0 3.0 1.0

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 10:44 30-Dec-94 PROJECT: 51-420 AREA: MEN'S ROOM GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=42.9 MAX=141. AUE=91.2 AUE/MIN= 2.13 MAX/MIN= 3.30

 $F \langle 4 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

Y-AXIS

in popularia

11.0	+ 47.5	+ 73.1	+ 97.0	+ 105.	93.5	+ 67.8	+ 42.9
9.0	+ 57.5	92.3	1 ^F ⁺ 123.	134.	F ⁺ -	85.2	51.6
7.0	61.7	98.0	+ 130.	+ 141.	+ 125.	90.6	+ 55.4
5.0	+ 62.0	98.3	130.	141.	125.	+ 90.9	+ 55.7
3.0	+ 58.8	94.4	1 ^{F1}	137.	1 ^{F+}	87.1	52.7
1.0	49. <u>8</u>	+ 77.5	103.	112.	99.7	71.7	† 44.8
	1.0	3.0	5.0	7.0	9.0	11.0	13.0
		() = ()		X-AXI			

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:25 10-Mar-95 PROJECT: 51-420 AREA: MEN'S ROOM-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

Support of S

4.83 2.58 MAX/MIN= AUE/MIN= AUE=29.5 MAX=55.3 + MIN=11.4 F8 <2> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, <2> F032/31K, LLF= 0.66

Y-AXIS

				*+~	4
+	13.4	+ 4.	14.9	+ 13.4	+ 1
21.2	25.7	28.8	28.8	1.8 25.7	+ 21.2
	**************************************	+ 46.6	46.6	1/4	33,3
39.0	F8 50.3	55.3	55.3	503	39.0
33.3.39.0.33.3	. 1	+ + + + + + + + + + + + + + + + + + +	46.6 55.3 46.6 28.8	+ 11 B	33°+
21.2	+ 25.7	28.8	+ + + 14.9 28.8	25.7	+ + + + + + + + + + + + + + + + + + + +
+	+ W 4.	+ 4. w	+ 4 Q.	13.4	+ -
0.	O.	0.	0.0	3.0	0.

1.0 5.0 9.0 13.0 x-AXIS

January January

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 10:59 30-Dec-94 PROJECT: 51-420 AREA: WOMEN'S ROOM GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.00 MAX=109. AUE=37.0 AUE/MIN=N/A MAX/MIN=N/A

F $\langle 2 \rangle$ = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68 L3 $\langle 1 \rangle$ = K7990 COLUMBIA CSR240, (2) F40CW/WM, LLF= 0.68 W $\langle 1 \rangle$ = K8957 COLUMBIA W240-A, (2) F30T12/WW/RS, LLF= 0.60

Y-AXIS							
18.5	25.1	30.0	30.4	+ 30.4	+ 28.5	± 22.8	17.0
16.5	+ 25.2	+ 31.0	+ 34.6	+ 3 7.6 _	+ 36.4 L3	+ _28.4 ≥	19.2
14.5	+ 20.7	25.8	31.7	37.2	+	28.9	18.7
12.5	+ 19.4	+ 21.0	+ 25.3	+ 29.8	+ 29.6	+ 24.1	+ 16.2
10.5	+ 16.8	23.0	+ 37.9	+ 52.1	+ 59.8	+ 56.3	+ 42.4
8.5	+ 16.5	* 31.5	57. 4	+ 83.5	96,0	+ 90.1	+ 70,3
6.5	0.00	0.00	66.4	.F 94.7	109.		79.0
4.5	0.00	0.00	+ 53.4	+ 72.7	+ 82.8	+ 77.7	+ 59.9
2.5	0.00	+ 0.00	+ 30.4	+ 40.4	+ 45.5	+ 43.1	+ 34.2
0.5	+	+	+ 16.6	+ 20.7	+ 22.6	± 21.8	18.9
	1.0	3.0	0.0	7.0 X-AXI		11.0	13.0

2.5 USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:28 10-Mar-95 Values are FC, SCALE: 1 IN= 6.0FT, HORZ GRID (V), HÓRZ CALC, Z= PROJECT: 51-420 AREA: WOMEN'S ROOM-N GRID: Ceiling Computed in accordance with IES recommendations

+ MIN=0.00 MAX=41.5 AUE=21.1 AUE/MIN=N/A MAX/MIN=N/A

F8 <;> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66 L8 <;> = K7990 COLUMBIA CSR240, (2) F032/35K, LLF= 0.66 W8 <;> = K8957 COLUMBIA W240-A, (2) F032/35K, LLF= 0.58

35.6 22.5 13.0 0.00 0.00 10.3 17.0 20.8 18.4 11.9 9.16 17.1 28.2 34.8 30.4 19.9 0.00 0.00 17.0 27.1 33.2 29.1 19.0 9.64 6.95 11.6 18.5 22.6 20.0 12.5 29.5 35.0 34.4 33.4 30.9 24.5 18.2 413 39.4 30.6 20.6 23,3 29,2 35,3 40,7 40,1 31,1 20,1 + + FF8 19.5 32.8 41.5 9.0 8 16.7 23.2 28.2 32.7 . D 29.4 35.8 39.1 0.00 00.00 0. 2.5 0.5 4. ري Y-AXIS യ 6.5 10.5 18.5 16.5 14.5 12.5

X-AXIS

3.0

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 11:13 30-Dec-94 PROJECT: 51-420 AREA: COPIER ROOM GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=15.4 MAX=31.9 AUE=23.1 AUE/MIN= 1.50 MAX/MIN= 2.07

 $L2 \langle 2 \rangle = 10366$ COLUMBIA KL340-SOLID, (3) F40CW, LLF= 0.34

Y-AXIS

and the

14.5	+ 15.4	+ 20.1	+ 22.7	+ 20.7	16.1
12.5	+ 18.1	+ 25 <mark>.7</mark>	+ 30,1	+ 26.5	+ 19.0
10.5	+ 19.2	+ 27.3	31.9	28.1	+ 20.1
8.5	19.1	+ 25.7	29.1	+ 26.3	+ 19.9
6.5	+ 19.1	+ 25.7	+ 29.1	+ 26.3	19.9
4.5	+ 19.3	+ 27 .3	+ 31.8 L2	+ -28.1	+ 20.2
2.5	18.1	+ 25.8	+ 30.1	+ 26.6	+ 19.0
0.5	15.5	+ 20.2	+ 22.8	+ 20.8	+ 16.1
	1.()	3.0	5.0	7.0	9.0
			x hxls		

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:31 10-Mar-95 PROJECT: 51-420 AREA: COPIER ROOM-N GRID: Ceiling Values are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

AUE=30.4 AUE.MIN= 1.44 MAX.MIN= MAX=41.3 + MIN=21.1

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L8 <2> = K7990 COLUMBIA CSR240, <2> F032/35K, LLF= 0.66

V-AXIS

22.0	25.1	26.5	26.2	4 26.2	26.5	25.2	+ 22.1	9.0
28.0	+ 🙀	36.6	4.5	+ 48	+	34.8	+ 28.1	7.0
30.5	+ 65	41.3	38.1	38.1	+ 50	39.2	30.7	5.0
27.2	33.4	35.5	33.6	33.6	35.4	33 + €	+ 27.3	3.0
21.1	24.0	+ 25.4	25.2	25.2	+32.	24.0	+ 7:17	0.
4. R)	12.5	10.5	ю С	6. 5.	4- س	2.5	O.	

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X-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 11:23 30-Dec-94 PROJECT: 51-420 AREA: ROOM 5 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

A 19 4000

+ MIN=36.9 MAX=120. AUE=81.9 AUE/MIN= 2.22 MAX/MIN= 3.25

F (6) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

184 94 80 6 - 1 -

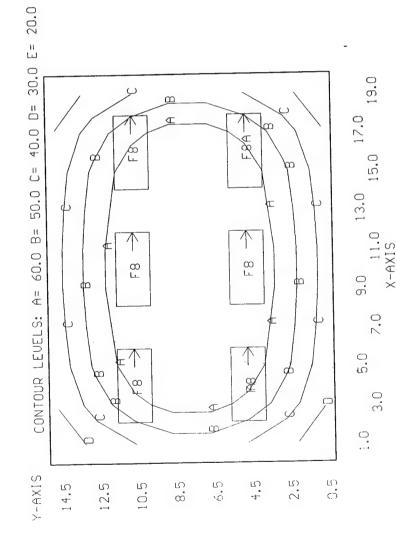
Y-AXIS 36.9 46.9 52.6 55.3 57.0 57.0 55.3 52.6 46.9 36.9 14.5 12.5 53.3 73.4 83.9 86.9 89.6 89.6 86.9 83.9 53.3 10.5 65.4 109. 106 109. 8.5 116. 112. 97.6 69.7 116. 120. 120. 69.7 97.6 112. 120. 120. 116. 112. 97.6 69.7 6.5 69.7 97.6 112. 116. 4.5 109. 109. 2.5 53.3 73.4 83.9 86.9 89.6 89.6 86.9 83.9 73.4 53.3 0.5 55.3 57.0 57.0 55.3 52.6 52.6 36.9 46.9 13.0 17.0 9.0 5.0 1.0 11.0 15.0 19.0 3.0 7.0 X-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:37 10-Mar-95 PROJECT: 51-420 AREA: ROOM 5-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

2.23 MAX/MIN= AUE/MIN= AUE=52.2 MAX=79.1 + MIN=23.4

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F8 <6> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66



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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 11:26 30-Dec-94 PROJECT: 51-420 AREA: ROOM 3 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

4-40-604-1-

+ MIN=28.0 MAX=121. AUE=82.1 AUE/MIN= 2.93 MAX/MIN= 4.33

F (6) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

STANDARD STANDARD

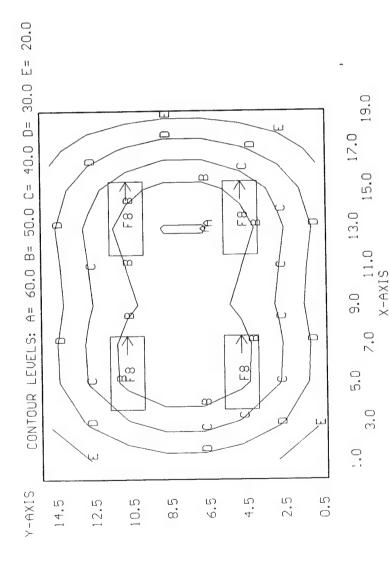
State of the

Y-AXIS 38.8 48.5 54.1 56.3 57.7 57.6 56.3 53.6 47.5 28.0 14.5 12.5 87.8 84.7 73.3 43.1 90.7 90.3 88.0 85.3 56.9 76.1 + F 10.5 110.l 10Z 115. 114. 108. 111. 121. 120. 117. 113. 96.9 57.4 8.5 117. 101. 114. + + 6.5 96.9 57.4 117. 121. 120. 117. 113. 101. 114. 4.5 111. 56.9 76.1 85.3 88.0 90.7 90.3 87.8 84.7 73.3 43.1 2.5 0.5 57.6 53.6 56.3 9.0 13.0 17.0 5.0 1.() 15.0 19.0 11.0 7.0 3.0 X fiXIS

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USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:40 10-Mar-95 PROJECT: 51-420 AREA: ROOM 3-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

7.29 4.30 MAX/MIN= AUE/MIN= AUE=35.7 MAX=60.6 + MIN=8.31 = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66 F8 <4>



USI's LITE*PRO U2.27E Point-By-Point Numeric Output 11:29 30-Dec-94 PROJECT: 51-420 AREA: ROOM 1 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=36.9 MAX=120. AUE=81.9 AUE/MIN= 2.22 MAX/MIN= 3.25

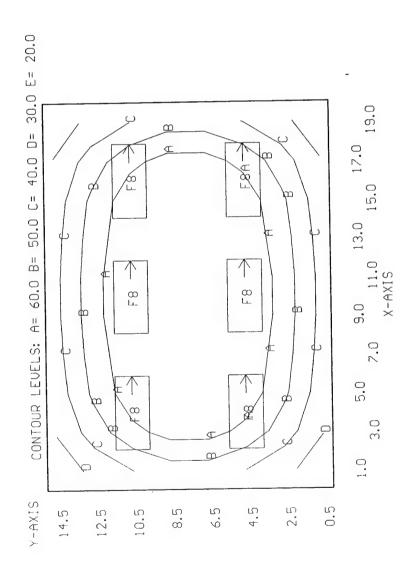
F (6) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

Y-AXIS 36.9 46.9 52.6 55.3 57.0 57.0 55.3 52.6 46.9 14.5 12.5 53.3 86.9 83.9 73.4 89.6 89.6 86.9 73.4 83.9 10.5 109. 109. 120. 120. 116. 112. 97.6 8.5 97.6 112. 116. + + + 6.5 112. 97.6 97.6 112. 116. 120. 120. 116. 4.5 109. 53.3 73.4 83.9 86.9 89.6 89.6 86.9 83.9 73.4 53.3 2.5 0.5 57.0 55.3 55.3 57.0 13.0 17.0 9.() 5.0 1.0 15.0 19.0 11.0 7.0 3.0 X AXIS

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USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:46 10-Mar-95 PROJECT: 51-420 AREA: ROOM 1-N GRID: Ceiling Values are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (V), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations 3,37 2.23 MAX/MIN= AUE/MIN= AUE=52.2 MAX=79.1 + MIN=23.4 = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66 F8 <6>

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 11:35 30-Dec-94 PROJECT: 51-420 AREA: ROOM 2 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=13.0 MAX=81.9 AUE=39.4 AUE/MIN= 3.02 MAX/MIN= 6.28

F (2) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

Y-AXIS 14.5 36.5 31.5 21.0 13.\$ 3.3 20.6 31.1 12.5 50.8 60.8 10.5 40.1 39.1 8.5 68.1 81.9 6.5 81.9 69.1 68.1 4.5 2.5 50.6 31.9 17. 49.9 59.7 31.1 0.5 30.3 35.5 30.6 20.6 20.2 12.5 8.5 4.5 0.5 10.5 6.5 2.5 X-AXIS

वहार्यक्षेत्रकेल अने हराक रा

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:59 10-Mar-95 PROJECT: 51-420A AREA: ROOM 2-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HCRZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

3.26 MAX/MIN= 7.00 AUE=25.2 AUE/MIN= MAX=54.3 + MIN=7.75 F8 <2> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

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		-01	<u></u>		<u> </u>	<u> </u>		——————————————————————————————————————	N
	+ 0	+	+ 3.	+ 4.	+ 4.	13.	+ ;	+ 0;	12.
	13.5	20.6	25.3	28.4	4 28.4	25.1	20.3	13.2	10.5
	21.1	31.9	44	46.0	+57-9	49	31.4	20.5	8 5.5
	24.6	37.3	F8 49.2	54.3	54.5	78 48.8	36.7	24.0	6.5 X-AXIS
	20.9	31+	404	+5+	+5+	+0+	31.0	+ 20.4	7.
	13.2	20.1	+ 24.7	27.7	27.6	24.5	19.9	+ 12.9	2.5
	+ 0.	+0	2.9	+ 4	+ 4.	2 + 8	+ 0	+ C:	0.5
Y-AXIS	14.5	12.5	10.5	8.2	6.5	4. D	2.5	0.5	

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 11:42 30-Dec-94 PROJECT: 51-420 AREA: ROOM 4 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=38.2 MAX=121. AUE=83.1 AUE/MIN= 2.17 MAX/MIN= 3.16

F (6) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

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Y-AXIS 14.5 48.0 53.7 56.2 57.7 57.7 56.2 53.7 48.0 12.5 54.9 90.5 90.5 87.8 85.0 74.7 87.8 85.0 10.5 110. 110. 8.5 117. 121. 121. 117. 113. 113. + + + 6.5 117. 121. 121. 117. 113. 99.1 99.1 113. 4.5 110. 2.5 90.5 87.8 85.0 74.7 54.9 90.5 85.0 87.8 0.5 38.2 53.7 48.0 53.7 56.2 16.5 12.5 0.5 4.5 8.5 14.5 18.5 6.5 10.5 2.5 ZIXA-X

USI's LITE*PRO U2.27E Foint-By-Point Numeric Output 16:02 10-Mar-95 PROJECT: 51-420A AREA: ROOM 4-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

2.90 MAX/MIN= AUE=36.1 AUE/MIN= MAX=60.2 + MIN=12.5 F8 <4> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

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	12.	17.	20.	23.	23.0	20.	17.	+ 7	18
		28.5	35.3	40.1	40.1	35.3	28.5	+ m	16.5
	+ 0	_			-			'	
	26.0	39.0	50.3	+ 56.4	+ 56.4	8 50.3	39.0	+ 76.0	14.5
	28.0	+ 1.8	+ F8	60.2	4 60.2	+ F8	+1.8	78.0	12.5
	25.9	+ 68.	+8.0	55.2	55.2	+49.0	4 88.4	25.9	.5 10.5 X-AXIS
	25.9	4.68	+ 49.0	55.2	55.2	+ 6.0	4.68	+ 25.9	8.5 X-X
	28.0	+1.8	3 54.0	60.2	+ 60.2	78 + V	+1.8	+ 78.0	6.5
	26.0	39.0	50 +	+ 29.4	+ 26.4	- 20 - 4	39.0	4+	4. D
	19.3	+ 8 30 13	35.3	+0+	+ 40.1	35.3	78+	+ 61	2.5
	2.5	7.3	+ 0.	+ 8.	+ 8.	+ 0. 50.	7.3	+ 17	0.5
7	14.5	12.5	10.5	യ	5.5	4. T.	2.5	0.2	

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 11:54 30-Dec-94 PROJECT: 51-420 AREA: ROOMS 6/8/10 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

 $\partial_{x} = \int_{\mathbb{R}} d^{2}x \, d^{2}x \, d^{2}x \, d^{2}x$

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+ MIN=27.8 MAX=110. AUE=68.7 AUE/MIN= 2.47 MAX/MIN= 3.94

 $F \langle 12 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

Y-AXIS 14.5 51.1 48.1 51.1 48.1 38.8 12.5 76.9 39.6 81.7 81.7 60.9 76.9 10.5 49. 8.5 110. 110. 103. 103. 6.5 81.4 103. 110. 110. 103. 4.5 2.5 76.9 60.9 39. 76.9 81.7 81.7 60.9 0.5 48.1 48.1 51.1 38.8 51.1 12.5 8.5 4.5 0.5 14.5 10.5 6.5 2.5 $X - \Omega XIS$

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:04 10-Mar-95 PROJECT: 51-420A AREA: ROOMS 6/8/10-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

2.51 MAX/MIN= AUE/MIN= AUE=43.8 MAX=73.2 + MIN=17.4

W. O. State

F8 <12> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, <2> F032/31K, LLF= 0.66

Y-AXIS

Γ	+ 1.	+ 4.	30.	33.	33.	30.	24.	+	4.	
	-	24,								
	25.4	4.75	44	53.4 53.4	53.3	**************************************	37.4	+ 25.4	12.5	
	31.6	47.6	F8 61.5	68.1	+ 68.1	FB -	+7.6	31.6	10.5	
	33.8	+ 15 13 13	65.0	73.2	73.2	65 <u>p</u>	51.3	33.8	8.5	
	33.8	51.3	村9	73.2	73.2	村場	51.3	33.8	8 5.5 ×-4×1	E
	31.6	+ 47.6	FB 61.5	68.1	+ 68.1	61.5	+ 7.	31.6	٦.	
	4.55.4	+ 5.	+ 7	53.3	53.3	± 7.4	+ 37.4	75.4	2.5	
	+ 7	+ 4	+ 000	+ m + m	+ m 0.0	+ 00	+ 4-	+ 1	0.5	
	14.5	12.5	10.5		6.5	4. D	2.5	0.5		

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:24 30-Dec-94 PROJECT: 51-420 AREA: ROOM 9 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=13.3 MAX=81.9 AUE=39.4 AUE/MIN= 2.97 MAX/MIN= 6.16

 $F \langle 2 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

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Y-AXIS 14.5 3.3 20.6 30.9 36.0 30.9 20.6 13.\$ 12.5 31.8 50.7 60.2 50.7 10.5 39.5 21.0 39.5 8.5 81.9 68.6 68.6 6.5 68.6 81.9 68.6 4.5 39.5 2.5 60.2 50.7 31.8 17.6 31.8 50.7 0.5 30.9 20.6 30.9 36.0 20.6 12.5 8.5 4.5 0.5 10.5 6.5 2.5 X · OXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:05 10-Mar-95 PROJECT: 51-420A AREA: ROOM 9-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HCRZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

6.84 3.18 MAX/MIN= AUE=25.2 AUE/MIN= MAX=54.3 + MIN=7.93

Supplied States

F8 <2> = 9868 COLUMBIA T84PS2*-84-242-2EJCT, (2) F032/31K, LLF= 0.66

Y-AXIS

				-4-		_		m	Ŋ
	+ 6.	+	+ %	+ 4.	+ 4.	13.	+ 11	+ 20.	12.5
	13.2	20.2	24.9	28.0	28.0	24.9	20.2	13.2	10.5
	20.8	4.18	4号。	45.6	45.6	本9	+ 31.4	+ 20.8	8 5.5
	24.3	37.0	FB -	+ + + 0	54.3	FB 49.0	37.0	++2	6.5 X-AXI
	20.8	+ 1.4	+0+	45.6	+ 5.6	404	4+31.4	+ 70.8	7.
	13.2	20.2	4.9	28.0	28.0	4+2	20.2	+	2.5
	+ 83	+	+ W.	+ 4-	+ 4.	+ %	+ 1.0	+ 5.	0.5
1 1 1	4. 7.	12.5	10.5	φ. Ω.	6.5	4.5	2.5	0.5	

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:33 30-Dec-94 PROJECT: 51-420 AREA: ROOM 12 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=25.6 MAX=92.1 AUE=60.7 AUE/MIN= 2.37 MAX/MIN= 3.59

 $F \langle 4 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

Carried States

Y-AXIS

14.5	+ 25.6	+ 35.4	+ 42.3	+ 41.7	+ 39.8	+ 41.7	+ 42.3	+ 35.4	25.6
12.5	+ 36.9	56.5	68.4	65.7	61.2	65.7	68.4	+ 56.5	36.9
10.5	+ 44.9	71.6	₱ ⁻ 87.9	82.9	+ 76.0	82.9	₽ - 87.9	21.6	44.9
8.5	+ 48.1	75.5	92.1	+ 87.9	* 81.2	+ 87.9	92.1	+ 75.5	+ 48.1
6.5	+ 48.1	+ 75.5	92.1	87.9	* 81.2	* 87.9	92.1	75.5	+ 48.1
4.5	+ 44.9	71.6	₽ 82.9	82.9	+ 76.0	82.9	₽ 87.9	71.6	+ 44.9
2.5	+ 36.9	+ 56.5	+ 68.4	+ 65.7	+ 61.2	+ 65.7	+ 68.4	+ 56.5	+ 36.9
0.5	+ 25.6	+ 35.4	+ 42.3	+ 41.7	39. 8	+ 41.7	+ 42.3	+ 35.4	+ 25.6
	1.0	3.0	5.0	2.0	9.0 X-AXIS	11.0	13.0	15.0	17.0

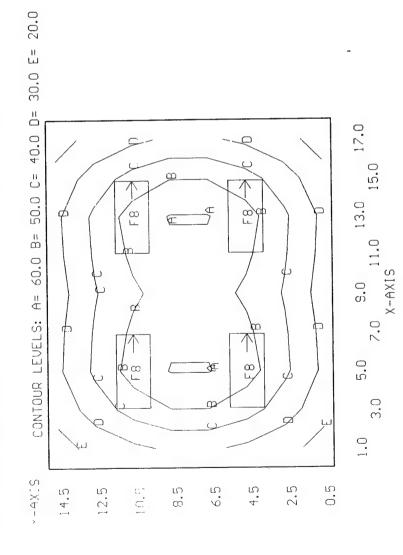
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USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:07 10-Mar-95 PROJECT: 51-420A AREA: ROOM 12-N GRID: Ceiling Values are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (V), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

3.76 2.41 MAX/MIN= AUE/MIN= AUE=38.8 MAX=60.5 + MIN=16.1 = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66 F8 <4>

 $\gamma_{i,j} = \gamma_{i,j}\gamma_{j,k}, \text{ as } \gamma_{i,j,k}, \gamma_{i,j,k}, s_{i,j}, s_{i,j},$



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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:37 30-Dec-94 PROJECT: 51-420 AREA: ROOM 11 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

S. W. M. M. Marketon Co.

+ MIN=27.0 MAX=92.9 AUE=61.5 AUE/MIN= 2.27 MAX/MIN= 3.44

 $F \langle 4 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

Y-AXIS 14.5 36.7 42.6 41.9 40.0 41.9 42.6 36.7 27.0 12.5 38. 69.1 66.1 61.6 69.1 66.1 10.5 8.5 92.9 88.5 92.9 88.5 81.8 6.5 88.5 92.9 92.9 88.5 81.8 4.5 46.0 76.4 2.5 61.6 66.1 69.1 38. 57.5 69.1 66.1 0.5 42.6 40.0 36.7 41.9 41.9 16.5 12.5 4.5 8.5 0.5 14.5 10.5 6.5 2.5 X-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:09 10-Mar-95 PROJECT: 51-420A AREA: ROOM 11-N GRID: Celling Values are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= Computed in accordance with IES recommendations MIN=16.9 MAX=60.9 AUE=39.2 AUE/MIN= 2.32 MAX/MIN= 3.61

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F8 <4> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

16.5 3.8 35.3 42.3 41.3 39.5 41.3 42.3 35.3 23. 28. 54.8 52.3 48.5 52.3 54.8 44.5 28. 2.4 50.3 60.9 58.6 54.7 58.6 60.9 50.3 32. 50.3 14.5 24.2 35.3 42.3 41.3 39.5 41.3 42.3 35.3 54.8 52.3 48.5 52.3 54.8 60.9 58.6 54.7 58.6 60.9 28.3 12.5 10.5 25.8 27.5 27.5 6.5 28.3 4.5 8.5 44 5 44 5 24.2 2.5 e.9 . 3 + 8 0.5 V-AXIS 0.5 2.5 യ വ 6.5 4.5 . . . 12.5 14.5

.

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 13:43 30-Dec-94 DRDJECT: 51-420 AREA: ROOM 14 GRID: Ceiling Jalues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

AND MANAGEMENT

+ MIN=22.0 MAX=96.6 AUE=61.9 AUE/MIN= 2.81 MAX/MIN=

r <6> = 9753 COLUMBIA 4PS2*-87-244, <4> F40CW, LLF= 0.68

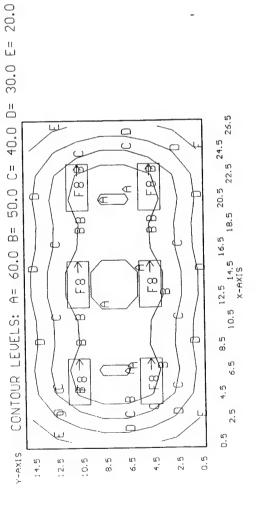
NEWS !

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:11 10-Mar-95 PROJECT: 51-420A AREA: ROOM 14-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ SRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

2.95 MAX/MIN= AUE/MIN= AUE=39.4 MAX=63.3 - MIN=13.3

= 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66 F8 <6>

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:49 30-Dec-94 PROJECT: 51-420 AREA: ROOM 13 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

Selement

+ MIN=20.2 MAX=90.8 AUE=55.9 AUE/MIN= 2.77 MAX/MIN= 4.49

 $F \langle 4 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

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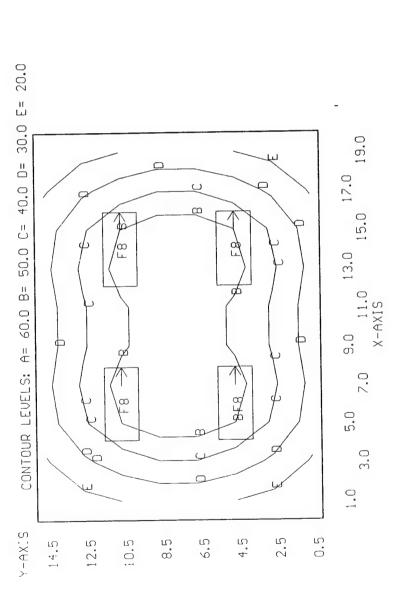
Y-AXIS 20.2 29.5 38.4 41.5 39.3 39.3 41.5 38.4 14.5 29.5 20.2 12.5 61.3 61.3 67.3 63.1 45.3 27.1 63.1 67.3 45.3 10.5 77.0 86.2 77.0 86.2 56.6 81.1 8.5 85.1 90.8 82.1 82.1 90.8 85.1 6.5 90.8 85.1 60.0 90.8 82.1 82.1 60.0 85.1 4.5 77.0 86.2 56.6 77.0 56.6 45.3 63.1 67.3 61.3 61.3 67.3 63.1 45.3 27.1 2.5 0.5 38.4 39.3 39.3 38.4 41.5 29.5 17.0 9.0 13.0 5.0 1.0 15.0 19.0 7.0 11.0 3.0 X-AXIS

4.89 2.91 MAX/MIN= AUE/MIN= AUE=35.7 MAX=59.9 + MIN=12.3

F8 <4> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

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Bldg 51-430 Summary

_									
	Total	Watts	1,003	840	92				1,935
ent System	Number	Fixtures	17	8	4				29
Replacement System	Watts/	Fixture	59	105	23				
	Fixture	Type	F8	8H	CF			,	Totals
	Total	Watts	2,822	336	1,104	150	120		4,532
em	Number	Fixtures	17	4	8	2	2		33
Present System	Watts/	Fixture	166	84	138	75	09		
	Fixture	Type	L	9	I	Z	×3		Totals

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51-430 Schedule

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 51-430 Type: Indoor

Luminaire Fixture Schedule / PRESENT

Project name: Lighting Survey - PBA Bldg 51-430

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 6-Jan-95

UPD: 2.7W/Sq.Ft

-	TYPE	DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS
	F	2X4 4L FLUSH STATIC TROFFER LENS125" POLARIZED PATT.12 COLUMBIA 4PS2*-87-244	F40CW ESB	000 - 166		
1	G	2X4 2L FLUSH STATIC TROFFER LENS-PRISMATIC ACRYLIC PATT-12 COLUMBIA 4PS2*-52-242	F40CW ESB	000 - 84	4	
	Н	4"X8'2L EMBOSSED SURFACE STRIP OPEN BOTTOM- NO SHIELDING COLUMBIA CS296	F96T12/CW/WM STD	000 - 138 	8	
	X2	5"RECESS ROUND DOWNLIGHT, LOWER OPEN- CLEAR ALZAK REFLECTOR PRESCOLITE 1222-262	75A19/SW NA	000 - 75		
	x3	5"RECESS ROUND DOWNLIGHT, LOWER OPEN- CLEAR ALZAK REFLECTOR PRESCOLITE 1222-262	60A19/IF NA	60	2	

51-430 Schedule

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 51-430 Type: Indoor

Luminaire Fixture Schedule / PROPOSE D

a programme

Project name: Lighting Survey - PBA Bldg 51-430

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 10-Mar-95 UPD: 1.2W/Sq.Ft

Ī	TYPE	DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS					
	CF	8"1L(VERT) RECESS RND.DOWNLITE OPEN - CLR.REFL. W/ BLK.BAFFLE PRESCOLITE CF122518-B462	F18DTT/27K STD	000 - 23	4						
	F8	2X4 2L FLUSH STATIC TROFFER LENS-PRISMATIC ACRYLIC PATT-19 COLUMBIA T84PS2*-84-242-2EOCT	FO32/31K EOCT	000 - 59	17						
	н8	4"X8'2L EMBOSSED SURFACE STRIP OPEN BOTTOM- NO SHIELDING COLUMBIA CS296	F096/735 EOCT	000 - 105	8						
- 1											

51-430 Areas

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Area Summary Generated by LitePro V2.27E Provided and supported by USI Lighting, Inc. Filename: 51-430 Type: Indoor

Project Area Summary

I AREA NAME) DIMENSIUNS	LU	HINAIKES	W/SU.FT	OTY
OFFICE 1	23x16x8Ft	(9)	Type F	4.1	1
OFFICE 1-N	23x16x8Ft	(8)	Type F8	1.3	1
OFFICE/SHOP	21x29x11Ft	(8)	Туре Н	1.8	1
FFICE/SHOP-N	 21x29x11Ft	(8)	Туре Н8	1.4	1
RESTROOMS	4x4x8Ft	(1)	Type X2	4.7	2
RESTROOMS-N	4x4x8Ft	(1)	Type CF	1.4	2
CONFERENCE	14x29x8Ft	(6)	Type F Type G	3.1	1
CONFERENCE-N	14x29x8Ft	(6)	Type F8	0.9	1
OFFICE 3	19x12x8Ft	(2)	Type F Type G	1.8]
OFFICE 3-N	19x12x8Ft	(3)	Type F8	0.8]
OFFICE 3 RR	9x4x8Ft	(2)	Туре ХЗ	3.3	
OFFICE 3 RR-N	9x4x8Ft	(2)	Type CF	1.3	

51-430 Calculations

N. Bassacia

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Calculation Summary Generated by LitePro V2.27E Provided and supported by USI Lighting, Inc. Filename: 51-430 Type: Indoor

Project Calculation Summary

Project name: Lighting Survey PBA Bldg 51-430

Prepared for: Corps of Engineers

Prepared by: C. Warren

|Project #6941331 |Project #694133. |Date: 10-Mar-95 |UPD: 1.9W/Sq.Ft

ARRA NAME.	CHENNAN	i tekili mAmn. !	A.	ys. :	141AA 1	IN 1 14
OFFICE 1	23x16x8Ft	Ceiling	<+>	101.8	147.6	46.8
OFFICE 1-N	23x16x8Ft	Ceiling	<+>	53.6	77.7	25.1
OFFICE/SHOP	21x29x11Ft	Ceiling	<+>	62.1	73.2	48.7
	21x29x11Ft	Ceiling C.U. CALC	<+>	55.1 35.8	64.9	43.2
RESTROOMS	4x4x8Ft	Ceiling	<+>	14.9	16.9	13.1
RESTROOMS-N	 4x4x8Ft	Ceiling	<+>	10.2	16.4	6.3
CONFERENCE	 14x29x8Ft	Ceiling	<+>	86.4	149.3	29.7
CONFERENCE-N	 14x29x8Ft	Ceiling	<+>	39.8	61.1	11.2
OFFICE 3	 19x12x8Ft	Ceiling	<+>	42.6	79.6	0.2
OFFICE 3-N	 19x12x8Ft	Ceiling	<+>	29.2	50.1	0.1
OFFICE 3 RR	9x4x8Ft	Ceiling	<+>	13.3	16.2	8.9
OFFICE 3 RR-N	9x4x8Ft	 Ceiling	<+>	12.1	19.6	5.7

2.5 USI's LITE*PRO U2.27E Point-By-Point Numeric Output 11:44 6-Jan-95 DROJECT: 51-430 AREA: OFFICE 1 GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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3,15 2.17 MAX/MIN= AUE/MIN= AUE=102. MAX=148. + MIN=46.8

F <9> = 9753 COLUMBIA 4PS2*-87-244, <4> F40CW, LLF= 0.68

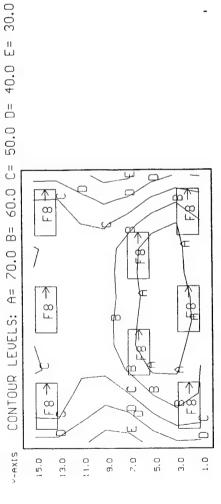
15.0 3/4 547-1013 91.9 90.8 93.5 86.0 93.1 489.5 95.8 89.2 65.8 11.0 83.1 111.1 115.1 102. 85.4 92.5 86.0 93.1 489.5 95.8 89.2 65.8 11.0 83.1 111.1 115.1 102. 87.9 95.4 92.5 86.7 84.7 83.7 73.2 53.1 111.1 115.1 102. 87.9 95.4 92.5 86.7 84.7 83.7 73.2 53.1 111.1 115.1 113.1 11

4.5 8.5 12.5 16.5 20.5 2.5 6.5 10.5 14.5 18.5 22.5 X-AXIS - 10 mm

- September 1

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:34 10-Mar-95 PROJECT: 51-430 AREA: OFFICE 1-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

3.09 2.13 MAX/MIN= AUE/MIN= AUE=53.6 MAX=77.7 + MIN=25.1 F8 <8> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

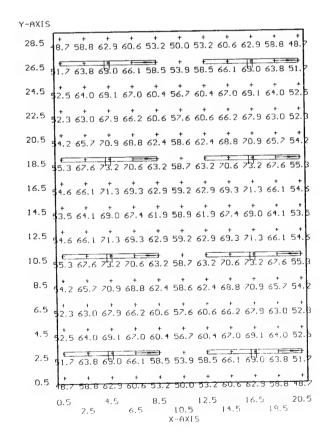


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USI's LITE*PRO U2.27E Point-By-Point Numeric Output 12:02 6-Jan-95 PROJECT: 51-430 AREA: OFFICE/SHOP GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=48.7 MAX=73.2 AUE=62.1 AUE/MIN= 1.28 MAX/MIN= 1.50

H (8) = K7994 COLUMBIA CS296, (2) F96T12/CW/WM, LLF= 0.72



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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:38 10-Mar-95 PROJECT: 51-430 AREA: OFFICE/SHOP-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=43.2 MAX=64.9 AUE=55.1 AUE/MIN= 1.28 MAX/MIN= 1.50

H8 $\langle 8 \rangle$ = K7994 COLUMBIA CS296, (2) F096/735, LLF= 0.70

Y-AXIS 26.5 5.9 56.5 61.2 58.6 51.9 47.8 51.9 58.6 61.2 56.5 45. 18.5 9.0 59.9 64.9 62.6 56.0 52.1 56.0 62.6 64.9 59.9 49. 12.5 4 58.6 63.2 61.5 55.8 52.5 55.8 61.5 63.2 58.6 48. 10.5 9.0 59.9 64.9 62.6 56.0 52.1 56.0 62.6 64.9 59.9 49. 5.9 56.5 61.2 58.6 51.9 47.8 51.9 58.6 61.2 4.5 8.5 12.5 16.5 20.5 2.5 6.5 10.5 14.5 18.5 X-AXIS A. Traffit (1997)

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:31 6-Jan-95 PROJECT: 51-430 AREA: RESTROOMS GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=13.1 MAX=16.9 AUE=14.9 AUE/MIN= 1.14 MAX/MIN= 1.29

X2 (2) = B1999A PRESCOLITE 1222-262, (1) 75A19/SW, LLF= 0.82

 一点 医糖毒素医糖素原物

2.60

AUE,MIN= 1.62 MAX,MIN=

AUE = 10.2

MAX = 16.4

+ MIN=6.33

CF <2> = B2125A PRESCOLITE CF122518-B462, (1) F18DTT/27K, LLF= 0.50

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3.5 6.33 8.81 8.97 6.55 2.5 8.85 15.77 5.9 34 1.5 9.05 16.0 16.4 9.56 0.5 6.61 9.42 9.60 6.85

0.5 2.5 3.5 x-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:41 6-Jan-95 PROJECT: 51-430 AREA: CONFERENCE GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=29.7 MAX=149. AUE=86.4 AUE/MIN= 2.91 MAX/MIN= 5.03

F $\langle 6 \rangle$ = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68 G $\langle 3 \rangle$ = 9975 COLUMBIA 4PS2*-52-242, (2) F40CW, LLF= 0.68

Y-AXIS 28.5 51.7 66 4 73 6 77.2 75.7 62.8 43.3 26.5 48.7 64.5 80.7 99 0 167. 88.7 57.1 24.5 41.7 57.2 80.6 110. 124. 104. 66.8 22.5 20.5 38.6 55.7 82.2 114. 128. 157. 68.9 18.5 45.4 68.8 96.6 120. 124. 100. 65.3 16.5 56.0 88.9 120. 184. 125. 96.2 62.3 14.5 63.1 101. 134. 146. 132. 12.5 66.6 104. 136. 149. 135. 100. 62.5 10.5 68.5 106. 138. 148. 132. 97.6 61.8 68.1 105. 136. 1 6. 132. 38.1 62.1 65.4 93.9 119. 134. 128. 99.4 64.2 63.3 83.1 98.2 109. 110. 92.5 63.6 61 3 76.4 80.7 84.9 88.5 9.6 58.1 53.8 63.4 65.0 65.5 67.7 63.4 5.0 9.0 3.0 2.0 11.0 x-axis

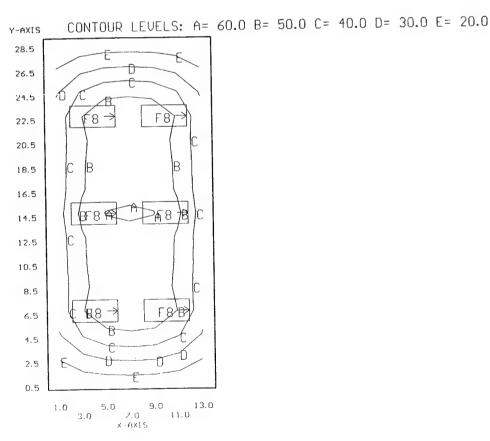
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USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:48 10-Mar-95 PROJECT: 51-430 AREA: CONFERENCE-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=11.2 MAX=61.1 AUE=39.8 AUE/MIN= 3.54 MAX/MIN= 5.44

F8 $\langle 6 \rangle$ = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66



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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:53 6-Jan-95 PROJECT: 51-430 AREA: OFFICE 3 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

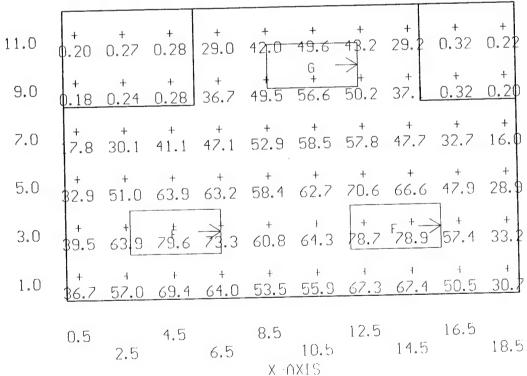
1 (1/2) 1 (2)

+ MIN=0.18 MAX=79.6 AUE=42.6 AUE_MIN= 236.94 MAX_MIN= 442.73

F $\langle 2 \rangle$ = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68 G $\langle 1 \rangle$ = 9975 COLUMBIA 4PS2*-52-242, (2) F40CW, LLF= 0.68

Y-AXIS

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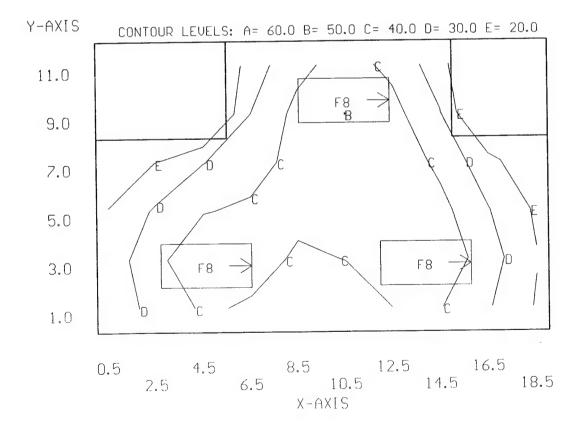
USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:51 10-Mar-95 PROJECT: 51-430 AREA: OFFICE 3-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=0.10 MAX=50.1 AUE=29.2 AUE/MIN= 274.77 MAX/MIN= 471.27

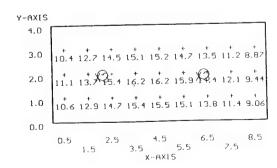
F8 $\langle 3 \rangle$ = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:01 6-Jan-95 PROJECT: 51-430 AREA: OFFICE 3 RR GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=8.87 MAX=16.2 AUE=13.3 AUE/MIN= 1.50 MAX/MIN= 1.83

X3 (2) = B1999A PRESCOLITE 1222-262, (1) 60A19/IF, LLF= 0.81



9.75

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:53 10-Mar-95 PROJECT: 51-430 AREA: OFFICE 3 RR-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=5.73 MAX=19.6 AUE=12.1 AUE/MIN= 2.10 MAX/MIN= 3.42

CF (2) = B2125A PRESCOLITE CF122518-B462, (1) F18DTT/27K, LLF= 0.50

Y-AXIS

4.0

3.0

7.77 12.6 14.0 10.8 9.74 12.4 13.8 9.66 5.73

2.0

9.39 17. 15.5 13.3 11.4 16.7 15.6 12.8 6.55

1.0

8.03 13.3 14.8 11.2 10.1 13.4 15.1 10.4 5.94

0.0

0.5

1.5

2.5

3.5

X-0xIS

8.5

Bldg 53-160 Summary

	Total	Watts	115	2,301	244	399	295			3,354
ent System	Number	Fixtures	ည	39	4	7	5			09
Replacement System	Watts/	Fixture	23	69	61	25	29			
	Fixture	Type	SF	F2	FR	89	W8			Totals
	Total	Watts	5,542	756	574	75	150	200	410	7,707
em	Number	Fixtures	34	6	7	-	2	2	5	09
Present System	Watts/	Fixture	163	84	82	75	75	100	82	
_	Fixture	Tvpe	L	. (C	2 6	\$	X5	9X	>	Totals

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 53-160 Type: Indoor

Luminaire Fixture Schedule / PRESENT

Project name: Lighting Survey - PBA Bldg 53-160

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 7-Jan-95 UPD: 2.0W/Sq.Ft

 TYPE	DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS
F	2X4 4L FLUSH STATIC TROFFER LENS125" POLARIZED PATT.12 COLUMBIA 4PS2*-87-244	F40CW ESB	000 - 163	34	
G	2X4 2L FLUSH STATIC TROFFER LENS-PRISMATIC ACRYLIC PATT-12 COLUMBIA 4PS2*-52-242	F40CW ESB	000 - 84	9	
G1	1'X4' 2L STATIC GRID TROFFER LENS125" THK PRISMATIC A12 COLUMBIA J240-EXA.125NOM	F40CW ESB	000 - 82 	7	
X2	5"RECESS ROUND DOWNLIGHT, LOWER OPEN- CLEAR ALZAK REFLECTOR PRESCOLITE 1222-262	75A19/SW NA	000 - 75	1	
X5	6" RECESSED ROUND SHOWER LIGHT LENS- DROP OPAL W/ WIDE TRIM PRESCOLITE PBX-TL30	75A19/IF NA	000 - 75	2	
X6	5"RECESS ROUND DOWNLIGHT, UPPER OPEN- CLEAR ALZAK REFLECTOR PRESCOLITE 1222-262	100A19/SW NA	100	2	
Y	4"X7"X4' 2L WALL MTD BEDLIGHT LENS- CLEAR PRISMATIC ACRYLIC COLUMBIA SA240-A	F40CW ESB	000	15	

53-160 Schedule

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 53-160
Type: Indoor

Luminaire Fixture Schedule / PROPOSED

Project name: Lighting Survey - PBA Bldg 53-160

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 11-Mar-95 UPD: 0.9W/Sq.Ft

TYF	E DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS
CF	8"1L(VERT) RECESS RND.DOWNLITE OPEN - CLR.REFL. W/ BLK.BAFFLE PRESCOLITE CF122518-B462	F18DTT/27K STD	000 - 23	5	
6 2	2X4 2L FLUSH STATIC TROFFER LENS-PRISMATIC ACRYLIC PATT-19 COLUMBIA T84PS2*-84-242-2EOCT	FO32/31K EOCT	000 - 59	39	
FR	2X4 ACRYLIC LENSED TROFFER "E" SILVER ECONOMY REFLECTOR METALOPTICS 24EKS042EP11	FO32/35K EOCT	000 - 61	4	!
G8	1X4 2L FLUSH STATIC TROFFER LENS125" PRISMATIC A12 COLUMBIA 5PS2*-52.125-142-E0	FO32/35K EOCT	000 - 57	7	
W8	5"X4"X4' 2L WALL CORRIDOR WRAP LENS- SMOOTH WHITE ACRYLIC COLUMBIA W240-A	FO32/35K ESB	000	5	

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Area Summary
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 53-160 Type: Indoor

Project Area Summary

Project name: Lighting Survey - PBA Bldg 53-160

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 11-Mar-95

UPD: 1.5W/Sq.Ft

AREA NAME	DIMENSIONS	LUI	MINAIRES	W/SQ.FT	QTY
MAIN ADMIN	37x34x8Ft	(16)	Type F	2.1	1
 MAIN ADMIN-N	37x34x8Ft	(16)	Type F2	0.8	1
BREAK ROOM	24x22x10Ft	(9)	Type G	1.4	1
REAK ROOM-N	24x22x10Ft	(9)	Type F2	1.0	1
WOMENS CHANGE	48x11x9Ft	(2) (4) (1) (2) (1) (1)	Type F Type G1 Type X2 Type X5 Type X6 Type Y	2.0	1
WOMENS CHANGE-N	48x11x9Ft	(4) (2) (4) (1)	Type CF Type F2 Type G8 Type W8	0.9	1
OFFICE 3	14x24x8Ft	(4)	Type F	1.9]
OFFICE 3-N	14x24x8Ft	(4)	Type FR	0.7	3
STORE ROOM	8x14x10Ft	(2)	Type F	2.9	
STORE ROOM-N	8x14x10Ft	(2)	Type F2	1.1	
MENS CHANGE	48x14x9Ft	(9) (1) (1) (2)	Type F Type G1 Type X6 Type Y	2.7	
MENS CHANGE-N	48x14x9Ft	(1) (9) (1) (2)	Type CF Type F2 Type G8 Type W8	1.1	

Page 2 53-160 Areas

53-160 Areas					
RESTROOMS	11x11x8Ft	(1) (1)	Type G1 Type Y	1.4	2
RESTROOMS-N	11x11x8Ft	(1)	Type G8 Type W8	1.0	2
HALLWAY	5x25x8Ft	(1)	Туре F	1.3	1
HALLWAY-N	5x25x8Ft	(1)	Type F2	0.5	1

53-160 Calculations

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Calculation Summary
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 53-160 Type: Indoor

Project Calculation Summary

Project name: Lighting Survey - PBA Bldg 53-160

19 95 F

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 11-Mar-95 UPD: 1.5W/Sq.Ft

AREA NAME	DIMENSIONS	GRID NAME	AV	E	MAX	MIN
MAIN ADMIN	37x34x8Ft	Ceiling	<+>	57.0	104.0	7.0
MAIN ADMIN-N	37x34x8Ft	Ceiling	<+>	34.4	63.6	3.8
BREAK ROOM	24x22x10Ft	Ceiling	<+>	44.1	52.8	30.3
I-REAK ROOM-N	24x22x10Ft	Ceiling	<+>	41.6	49.9	27.3
WOMENS CHANGE	48x11x9Ft	Ceiling	<+>	26.1	86.7	0.0
WOMENS CHANGE-N	48x11x9Ft	Ceiling	<+>	21.2	55.5	0.0
OFFICE 3	14x24x8Ft	Ceiling	<+>	51.8	78.4	28.7
OFFICE 3-N	14x24x8Ft	Ceiling	<+>	36.4	53.1	21.0
STORE ROOM	8x14x10Ft	Ceiling	<+>	49.8	56.8	41.2
STORE ROOM-N	8x14x10Ft	Ceiling	<+>	30.1	34.2	25.0
MENS CHANGE	48x14x9Ft	Ceiling	<+>	48.0	109.7	0.0
MENS CHANGE-N	48x14x9Ft	Ceiling	<+>	30.2	71.7	0.0
RESTROOMS	11x11x8Ft	Ceiling	<+>	25.5	47.1	8.5
RESTROOMS-N	11x11x8Ft	Ceiling	<+>	22.7	43.3	8.7
HALLWAY	5x25x8Ft	Ceiling	<+>	24.2	74.8	3.6
HALLWAY-N	5x25x8Ft	Ceiling	<+>	14.3	44.0	1.7

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:44 6-Jan-95 PROJECT: 53-160 AREA: MAIN ADMIN GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=7.00 MAX=104. AUE=57.0 AUE/MIN= 8.14 MAX/MIN= 14.86

F (16) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

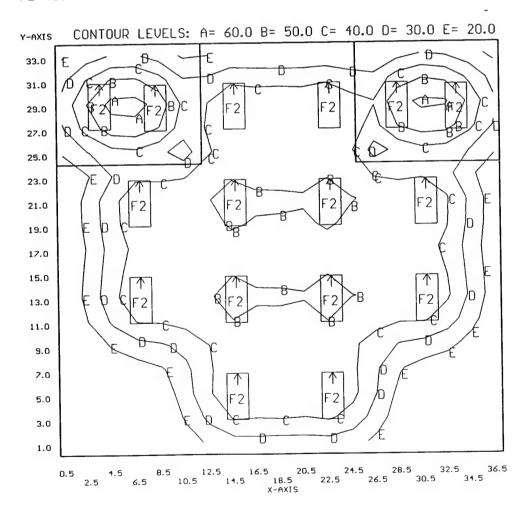
Y-AXIS 33.0 1 4 42.4 49.4 49.9 42.8 30.7 32.4 36.9 36.1 33.4 35.4 37.8 35.2 32.8 43.1 47.9 46.0 39.2 29. 29.0 \$3.9 83 \$ 102. 104 \$1.0 63.8 \$7.1 \$4.5 \$7.5 70.5 76.3 \$6.1 74.9 68.7 \$1.9 101. 97.5 \$6.4 52. 5.1 48.6 57.6 59.6 53.1 41.1 \$2.5 76.6 74.9 68.2 72.8 78.0 68.1 42.9 53.3 59.1 57.7 49.5 35. 25.0 5.4 29.7 49.9 \$577 64.5 59.7 74.4 \$571 80.9 73.1 78.0 \$578 78.6 59.8 62.1 \$678 76.1 36.0 18. 21.0 | 9.3 35.9 62.5 82.7 | 79.8 74.1 82.7 85.2 89.0 79.3 85.2 85.5 87.2 73.7 76.4 84.2 70.5 43.7 23.5 19.0 20.1 36.1 61.2 79.4 77.9 72.1 79.0 89.4 84.1 75.5 80.8 89.6 82.8 72.6 74.8 81.0 68.5 43.5 24.1 20.1 34.2 56.0 71.2 71.3 66.6 72.6 80.4 76.8 69.8 74.2 80.6 75.5 67.1 69.4 72.7 62.1 40.8 23. 15.0 20.2 35.6 59.5 7 678 75.9 70.0 76.6 8 7 81.4 73.4 78.3 8 8 8 8 8 0.2 70.6 73.5 7 8 6 6.5 42.7 24. 13.0 | 9.8 36.6 63.4 | 85.8 | 81.1 74.0 | 82.2 | 84.6 | 88.3 | 78.7 | 84.4 | 94.9 | 86.7 | 74.8 | 78.1 | 85.4 | 71.3 | 44.3 | 23.1 | 0.8 15.0 21.0 26.5 32.1 43.9 64.4 79M 76.7 69.1 73.8 FOM 70.3 49.4 34.6 28.0 22.8 16.8 12. 5.0 8.89 11.0 13.9 12.4 24.1 40.4 66.0 85.0 80.2 71.5 77.0 86.1 73.3 47.3 27.5 18.9 14.9 12.0 9.62 3.0 2.77 8.92 10.7 13.5 19.4 33.7 55.5 71.2 68.2 60.9 65.4 72.2 61.5 39.6 22.4 14.8 11.5 9.53 8.2 1.0 1.0 7.66 8.81 10.9 15.1 24.6 37.1 45.4 44.8 41.4 43.6 46.2 40.4 28.1 17.0 11.8 9.43 8.13 7.4 4.5 8.5 12.5 16.5 20.5 **24.5** 28.5 32.5 36.5 2.5 6.5 10.5 14.5 18.5 22.5 26.5 30.5 34.5 x-axis USI's LITE*PRO U2.27E Point-By-Point Numeric Output 17:16 10-Mar-95 PROJECT: 53-160 AREA: MAIN ADMIN-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=3.76 MAX=63.6 AUE=34.4 AUE/MIN= 9.14 MAX/MIN= 16.92

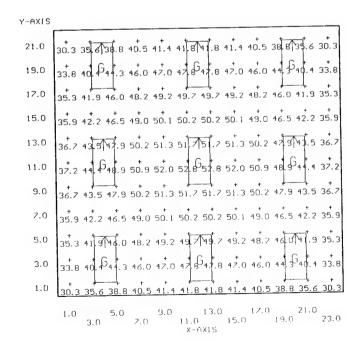
F2 $\langle 16 \rangle$ = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:54 6-Jan-95 PROJECT: 53-160 AREA: BREAK ROOM GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=30.3 MAX=52.8 AUE=44.1 AUE/MIN= 1.45 MAX/MIN= 1.74

G (9) = 9975 COLUMBIA 4PS2*-52-242, (2) F40CW, LLF= 0.68



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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 17:19 10-Mar-95 PROJECT: 53-160 AREA: BREAK ROOM-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

12.50

+ MIN=27.3 MAX=49.9 AUE=41.6 AUE/MIN= 1.53 MAX/MIN= 1.83

F2 (9) = 9868 COLUMBIA 184PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

Y-AXIS 27.3 32 136.5 38.3 38.9 38 9 38.9 38.9 38.3 36 9 32.4 27.3 21.0 30.8 37 42.4 43.9 44.5 45 45.1 44.5 43.9 424 37.4 30.8 19.0 32.5 39.0 44.0 46.6 47.3 46.9 46.9 47.3 46.6 41.0 39.0 32.5 17.0 33.1 39.2 44.0 47.8 48.5 47.0 47.0 48.5 47.8 44.0 39.2 33.1 15.0 33.8 40 145.6 48.3 49.1 48 6 48.6 49.1 48.3 45 6 40.4 33.8 13.0 34.0 +1 - 4.5 +8.5 +9.3 +9 - 24.9 +9.3 +8.5 +4 - 24.4 34.0 11.0 33.8 40.4 45.6 48.3 49.1 48.6 48.6 49.1 48.3 45.6 40.4 33.8 9.0 7.0 32.5 39 04 1.0 46.6 47.3 44 9 46.9 47.3 46.6 44 0 34.0 32.5 5.0 3.0 27,3 32.4 36.5 38.3 38.9 38.9 38.9 38.9 38.3 36.5 32.4 3.0 7.0 9.0 13.0 17.0 21.0 11.0 15.0 19.0 23.0 X-AXIS

Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (V), HORZ CALC, Z= 2.5 14:37 7-Jan-95 USI's LITE*PRO U2.27E Point-By-Point Numeric Output PROJECT: 53-160 AREA: WOMENS CHANGE GRID: Ceiling Computed in accordance with IES recommendations

AUE/MIN=N/A MAX/MIN=N/A AUE=26.1 MAX=86.7 + MIN=0.00 - (2) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68 3! (4) = K7970K COLUMBIA J240-EXA.125NOM, (2) F40CW, LLF= 0.68 X2 (1) = 81999A PRESCOLITE 1222-262, (1) 75A19/SW, LLF= 0.82 X5 (2) = 81397B PRESCOLITE PBX-TL30, (1) 75A19/IF, LLF= 0.76 X6 (1) = 81971A PRESCOLITE 1222-262, (1) 100A19/SW, LLF= 0.81 Y (1) = K8278 COLUMBIA SA240-A, (2) F40CW, LLF= 0.60

25.5 27.1 0.0 8.29 10.4 11.9 12.8 13.7 14.8 15.7 14.0 11.6 | 44.2 63.8 75.5 70.7 58.6 46.8 35.1 24.1 | 0.01 0.00 0.00 13.7 16.4 : 3.5 24.5 30.4 32.4 31.5 31.7 35.8 36.1 33.5 32.9 38.4 46.5 50.1 43.3 28.1 7.28 8.00 0.00 4.58 7.58 6.51 3.29 28. 5030, 6 0. bo 12. 8 15.9 19.0 19.29.5 20.3 19.8 15.9 11.6 51.3 75.1 65.7 76.7 62.9 47.5 34.0 21.2 14.9 13.3 9.65 4.00 19.4 22.5 25.2 27.3 32.8 36.4 35.5 35.8 38.6 38.6 38.6 48.6 64.2 71.0 64.4 42.2 8.75 N 28.8 0. bo 9.40 15.9 12.8 6.18 26.6 8p. 2 0.0 19.4 26.6 29.7 29.2 29.5 31.5 30.7 23.4 16.4 51.7 75.8 85.4 75.5 56.8 8.77 5.61 0.0 15.8 18.5 14.2 6.78 43.0 41.0 29.0 33.0 37.0 39.0 23.0 27.0 15.0 17.0 21.0 0.6 7.0 ය රා 3.0 ان ان C) (C) ເດ O . ເນ ة. ال 10.5

X-AXIS 13.0 USI's LITE*PRO U2.27E Point-By-Point Numeric Output 17:31 10-Mar-95 PROJECT: 53-160 AREA: WOMENS CHANGE-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

AUE,MIN=N/A MAX,MIN=N/A AUE=21.2 MAX=55.5 + MIN=0.00

G8 <4> = L11167 COLUMBIA 5PS2*-52.125-142-E0, (2) F032/35K, LLF= 0.64 u8 <1> = K8957 COLUMBIA M240-A, (2) F032/35K, LLF= 0.58 CF (4) = B2125A PRESCOLITE CF122518-B462, (1) F18U11/2/K, LLF= U.5U F2 (2) = 9868 COLUMBIA T84PS2*-84-242-2EOCI, (2) F032/31K, LLF= 0.66 = 82125A PRESCOLITE CF122518-8462, (1) F18DTT/27K, LLF= 0.50

28. 55. 30. 50 15.6 25.0 24.1 26. 325.4 20.9 15.0 15.7 10.7 33.1 47.4 55.5 56.8 47.1 35.7 23.6 18.5 10.8 7.27 4.57 1.95 25.8 10.9 15.1 17.0 19.5 18.4 14.2 13.1 10.8 8.46 28.5 41.7 50.1 49.3 44.7 39.2 30.8 21.1 10.00 0.00 0.00 0.00 47.0 13.8 23.1 25.5 27.3 32.1 35.7 34.6 34.3 36.1 35.1 30.2 28.5 34.0 42.7 45.8 4 1.1 28.5 7.15 (\$\frac{15}{15}\$.1 0.\text{po 3.37 10.2} 6.31 2.78 1.11.8 19.9 25.1 30.1 32.0 31.1 31.0 33.4 32.8 28.8 26.1 27.5 30.9 32.7 28.3 18.8 3.41 4.46 0.00 1.78 3.14 2.57 1.75 2.8 18 18 1.2 20.1 27.8 30.9 30.5 30.0 30.4 28.8 22.1 15.3 33.6 49.0 55.1 50.6 41.2 4.48 6.14 0.00 9.54 13.1 7.59 3.08 33.0 35.0 41.0 45.0 13.0 15.0 17.0 21.0 23.0 25.0 29.0 11.0 9.0 0.5 10.5 8.5

7.0

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:44 7-Jan-95 PROJECT: 53-160 AREA: OFFICÉ 3 GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC,-Z= 2.5 Computed in accordance with IES recommendations

2.73 1.81 MAX/MIN= AUE/MIN= AUE=51.8 + MIN=28.7 MAX = 78.4

F (4) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

Y-AXIS 28.7 31.0 30.2 29.0 30.2 31.0 28.7 23.0 21.0 47.7 54.9 52.1 48.4 52.1 54.9 47.7 19.0 65.5 78.1 22.5 65.7 72.5 78.1 65.5 17.0 65.4 78.4 73.0 66.2 73.0 78.4 65.4 47.0 56.2 54.2 50.8 54.2 56.2 47.0 31.3 36.4 36.7 35.7 36.7 36.4 31.3 13.0 11.0 31.3 36.4 36.7 35.7 36.7 36.4 31.3 9.0 47.0 56.2 54.2 50.8 54.2 56.2 47.0 7.0 65.4 78.4 23.0 66.2 73 0 78.4 65 5.0 65.5 28.1 22.5 65.2 22.5 28.1 65.5 47.7 54.9 52.1 48.4 52.1 54.9 42.7 28.7 31.0 30.2 29.0 30.2 31.0 28.7

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1.0 5.0 9.0 13.0 3.0 7.0 11.0 X-AXIS

13855

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 13:11 11-Mar-95 PROJECT: 53-160 AREA: OFFICE 3-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

2.53 1.74 MAX/MIN= AUE/MIN= AUE=36.4 MAX=53.1 + MIN=21.0

FR <4> = T10620 METALOPTICS 24EKS042EP11, (2) F032/35K, LLF= 0.69

editally also

CONTOUR LEVELS: A= 50.0 B= 40.0 C= 30.0 D= 20.0 E= 10.0 ₩ 1 P. A. 个公 Y-AXIS . 3.0 0.1 23.0 21.0 12.0 15.0 13.0 11.0 9.0 7.0 5.0 19.0

3.0 5.0 9.0 13.0 x-AXIS

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:48 7-Jan-95 PROJECT: 53-160 AREA: STORE ROOM GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=41.2 MAX=56.8 AUE=49.8 AUE/MIN= 1.21 MAX/MIN= 1.38

F (2) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

Y-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 13:12 11-Mar-95 PROJECT: 53-160 AREA: STORE ROOM-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=25.0 MAX=34.2 AUE=30.1 AUE MIN= 1.21 MAX MIN= 1.37

F2 <2> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) FO32/31K, LLF= 0.66

Y-AXIS

) + C) + C	28.5	30.1	+ 29.9	+ 28.5	25.0
10000	5 + 6 2 L	33.0 38.0		34.2/34.2	33.0 33.0	28.3 28.3
+ 11	7.0.	28.5	30.1	29.9	28.5	+ 25.0
13.0	0.11	9.0	7.0	5.0	3.0	1.0

..0 5.0 7.0 x-AXIS

 $v_{(1,\ldots,d_{k+1}),(2_{d_k})}=q$

Jaiues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 15:17 7-Jan-95 JSI'S LITE*PRO V2.27E Point-By-Point Numeric Output GRID: Celling Computed in accordance with IES recommendations PROJECT: 53-160 AREA: MENS CHANGE

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MIN=0.00 MAX=110. AUE=48.0 AUE.MIN=N/A MAX/MIN=N/A

47.3 61.8 64.7 53.4 0.00 36.1 47.2 54.2 55.5 60.5 75.6 83.4 85.8 85.1 88.0 97.6 87.8 67.8 8.97 0.00 0.00 0.00 0.00 46.6 61.3 65.1 54.3 0.0 36.9 48.2 55.7 54.1 50.9 52.4 56.9 55.7 50.8 1401. 1067 1055. 85.6 87.2 87.2 87.0 17.5 27.3 20.8 11.0 43.2 42.2 59.8 48.8 0.0 25.3 34.7 40.9 43.8 44.1 43.5 43.3 40.8 30.1 78.3 95.8 99.7 93.5 81.4 \$34 46.1 33.2 23.4 12.9 3.9 45,4 47,9 35,1 0.00 14,9 21.6 29,2 3810 44/2 11,5 63,3 88.0 28,8 59.6 72.0 76.9 73.9 65,1 51,4 13.9 15.4 14.8 8,40 13.9 56.7 58.00 46.4 0. po 24.2 32.7 38.2 42.9 53.1 72.5 91.2 93.0 71.6 75.7 90.3 92.1 81.3 63.1 4.03 0.00 0.00 0.00 0.00 1 2 3 51.4 64.5 56.7 48.6 48.5 52.8 61.3 60.0 58.5 65.9 76.7 78.4 106. 110. 106. 105. 90.2 67.8 17.3 0.00 0.00 0.00 0.00 4 1.92 0.00 0.00 0.00 0.00 37.0 58.6 68.7 71.5 64.2 51. 33.8 42.5 43.9 35.4 0.00 13.5 18.6 23.1 28.4 39.3 56.6 72.3 72.3 58.5 58.6 0 0.0 1.0 13.0

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47.0 39.0 15.0 13.0 9.0 7.0 5.0

2.5 13:18 11-Mar-95 Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (V), HORZ CALC, PROJECT: 53-160 AREA: MENS CHANGE-N GRID: Ceiling USI's LITE*PRO U2.27E Point-By-Point Numeric Output Computed in accordance with IES recommendations

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+ MIN=0.00 MAX=71.7 AUE=30.2 AUE/MIN=N/A MAX/MIN=N/A

CF <1> = B2125A PRESCOLITE CF122518-B462, <1> F18DTT/27K, LLF= 0.50 F2 <9> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, <2> F032/31K, LLF= 0.66 G8 <1> = L11167 COLUMBIA 5PS2*-52.125-142-E0, <2> F032/35K, LLF= 0.64 W8 <2> = K8957 COLUMBIA W240-A, <2> F032/35K, LLF= 0.58

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47.0 43.0 39.0 33.0 35.0 23.0 27.0 15.0 17.0 21.0 13.0 7.0

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:29 7-Jan-95 PROJECT: 53-160 AREA: RESTROOMS GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

or an open of their

+ MIN=8.54 MAX=47.1 AUE=25.5 AUE/MIN= 2.98 MAX/MIN= 5.52

G1 $\langle 2 \rangle$ = K7970K COLUMBIA J240-EXA.125NOM, (2) F40CW, LLF= 0.68 Y $\langle 2 \rangle$ = K8278 COLUMBIA SA240-A, (2) F40CW, LLF= 0.60

Y-AXIS 10.5 \$.54 11.1 13.4 13.4 11.1 8.5| 8.5 24.8 24.8 18.8 12.4 18.8 6.5 4.5 20.5 34.0 47.1 47.1 33.9 20. 2.5 9.3 31.1 42.8 42.7 31.0 19.1 0.5 8.5 4.5 0.5 6.5 10.52.5 X-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 13:30 11-Mar-95 PROJECT: 53-160 AREA: RESTROOMS-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (V), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=8.69 MAX=43.3 AUE=22.7 AUE.MIN= 2.62 MAX.MIN=

G8 <2> = L11167 COLUMBIA 5PS2*-52.125-142-E0, (2) F032/35K, LLF= 0.64 W8 <2> = K8957 COLUMBIA W240-A, (2) F032/35K, LLF= 0.58

Y-AXIS

+ 9.	+ 2.7	+ 7.	19 +	+ 9	+ 7	0
+ 11.6	19.2	28 +	31.2	76.6	+ 13.	ထိ
14.2	75.2	+ 60	+3.3	36.2	0.75	6.5 XIS
14.2	25.2	39.4	+ 43.3	36.3	10.72	4.5 6. X-AXIS
+ 11.6	19.2	28.5	31.3	76.6	+ 6	2.5
+ 20	7.7	+ 1.	+ 0	+ 10	+ 7	ري 0
	യ്	6.51	4. D	N N	i C	

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:34 7-Jan-95 PROJECT: 53-160 AREA: HALLWAY GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=3.57 MAX=74.8 AUE=24.2 AUE/MIN= 6.79 MAX/MIN= 20.96

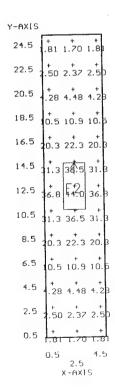
F (1) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

1. "快快点跑"。

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:32 11-Mar-95 PROJECT: 53-160 AREA: HALLWAY-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=1.70 MAX=44.0 AUE=14.3 AUE/MIN= 8.39 MAX/MIN= 25.86

F2 <1> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66



5 m - 519 5 m - 5 m - 5

Bldg 60-020 Summary

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule Generated by LitePro V2.27E Provided and supported by USI Lighting, Inc. Filename: 60-020 Type: Indoor

Luminaire Fixture Schedule PESENT

Project #6941331

Project name: PBA Lighting Survey - BLDG 60-020 Prepared for: Corps of Engineers

Date: 2-Feb-95

UPD: 0.9W/Sq.Ft Prepared by: C. Warren

TYPE	DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS
A1	15"X4'2L CEILING MT.WRAPAROUND LENS- PRISMATIC W/ GLOW ENDS COLUMBIA WCW240-A	F40CW ESB	000 - 83		
B1	15"X4'4L CEILING MT.WRAPAROUND LENS- PRISMATIC W/ GLOW ENDS COLUMBIA WCW440-A	F40CW ESB	000 - 171	V 9	
F	2'X4' 4L STATIC GRID TROFFER LENS125" NOM PRISMATIC A12 COLUMBIA 2SG440-EXA.125NOM	F40CW ESB	000 - 164 		
G	2'X4' 2L STATIC GRID TROFFER LENS125" THK PRISMATIC A12 COLUMBIA 2SG240-EXA.125NOM	F40CW ESB	000 - 82	6	
J	7"X4' 2L WET LOCATION WRAP LENS- PRISMATIC BOTTOM & SIDES COLUMBIA LUN240-WL	F40CW STD	000 - 92	1	
M3	9"X4' 4L SURFACE TURRET STRIP EGGCRATE LOUVERS COLUMBIA K440-T	F40CW STD	000 - 192	10	
M5	9"X4' 2L SURFACE TURRET STRIP EGGCRATE LOUVERS COLUMBIA K240-T	F40CW STD	92	\ 15	
XZ	6" RECESSED ROUND DOWNLIGHT OPEN- BL.BAFFLE W/ WIDE TRIM PRESCOLITE PBX-TB12	25A19/IF NA	000	1	

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 60-020 Type: Indoor

Luminaire Fixture Schedule / PROPOSED

Project name: PBA Lighting Survey - BLDG 60-020

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 11-Mar-95 UPD: 0.4W/Sq.Ft

TYPE	DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS
F3	2X4 3L FLUSH STATIC TROFFER LENS-PRISMATIC ACRYLIC PATT-19 COLUMBIA T84PS2*-84-243-3EOCT	FO32/31K EOCT	000 - 86	2	
CB	2X4 2L FLUSH STATIC TROFFER LENS-PRISMATIC ACRYLIC PATT-19 COLUMBIA T84PS2*-84-242-2EOCT	FO32/31K EOCT	000 - 59	16	
W4	15"X4'4L CEILING MT.WRAPAROUND LENS- PRISMATIC W/ GLOW ENDS COLUMBIA WCW440-A	F032/35K EOCT	110	2	
W8	15"X4'2L CEILING MT.WRAPAROUND LENS- PRISMATIC W/ GLOW ENDS COLUMBIA WCW240-A	FO32/35K EOCT	000 - 59	21	
WR	4' ACRYLIC WRAPAROUND SILVER TASK BEAM REFLECTOR METALOPTICS WRSN4STACLO42EP11	FO32/35K EOCT	000 - 61	17	
XZ	6" RECESSED ROUND DOWNLIGHT OPEN- BL.BAFFLE W/ WIDE TRIM PRESCOLITE PBX-TB12	25A19/IF NA	000	1	

NOTES:

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Area Summary
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 60-020 Type: Indoor

Project Area Summary

Project name: PBA Lighting Survey - BLDG 60-020

Prepared for: Corps of Engineers

Prepared by: C. Warren

Survey - BLDG 60-020 | Project #6941331 | Date: 11-Mar-95 | UPD: 0.7W/Sq.Ft

AREA NAME	DIMENSIONS		LU	MINAIRES	W/SQ.FT	QTY
PROVOST MARSHAL	13x15x9Ft		2) 2)	Type M3 Type M5	2.9	1
PROV MARSHAL-N	13x15x9Ft	(-	4)	Type W8	1.2	1
CECURITY SPEC	13x15x9Ft		2) 2)	Type M3 Type M5	2.9	1
SECURITY SPEC-N	13x15x9Ft	(4)	Type W8	1.2	1
ROOM 103	9x15x9Ft	(2)	Туре МЗ	2.8	1
ROOM 103-N	9x15x9Ft	(2)	Type W4	1.6	1
ROOM 105	15x15x9Ft	(4)	Type A1	1.5	1
ROOM 105-N	15x15x9Ft	(4)	Type WR	1.1	1
ROOM 105A	8x15x9Ft	(2)	Type M5	1.5	1
ROOM 105A-N	8x15x9Ft	(2)	Type WR	1.0	1
ROOM 107	12x15x9Ft		2)	Type M5	1.0	1
ROOM 107-N	12x15x9Ft	(2)	Type WR	0.7	1
ROOM 102	16x15x9Ft	((4)	Type M5	1.5	1
ROOM 102-N	16x15x9Ft		(4)	Type WR	1.0	1
ROOM 104	9x15x9Ft	1 '	(1) (1)	Type M3 Type M5	2.1	1
ROOM 104-N	9x15x9Ft		(2)	Type WR	0.9	1
BREAK ROOM	13x15x9Ft		(2)	Type M5	0.9	1

2-020 Areas EAK ROOM-N	13x15x9Ft	(2)	Type W8	0.6	
COILETS	15x19x9Ft	(1)	Type Al Type J	0.6	
 POILETS-N	15x19x9Ft	(2)	Type W8	0.4	
HALLWAY	90x56x9Ft	(9)	Type B1 Type XZ	0.3	
 HALLWAY-N	90x56x9Ft	(9) (1)	Type W8 Type XZ	0.1	
 FRAINING	33x14x9Ft	(4)	Type G	0.7	
 TRAINING-N	33x14x9Ft	(4)	Type G8	0.5	
LOCKERROOM 1	18x14x9Ft	(2)	Туре F	1.3	
LOCKERROOM 1-N	18x14x9Ft	(2)	Type G8	0.5	
 FOYER	6x7x9Ft	(1)	Туре G	2.0	
 FOYER-N	6x7x9Ft	(1)	Type G8	1.4	
ром 109	15x15x9Ft	(3)	Type M3	2.6	
ROOM 109-N	15x15x9Ft	(3)	Type WR	0.8	
 ROOM 110	12x15x9Ft	(2)	Туре F	1.8	
 ROOM 110-N	12x15x9Ft	(2)	Type F3	1.0	
RADIO ROOM	26x7x9Ft	(3)	Type F Type G	3.2	 - -
RADIO ROOM-N	26x7x9Ft	(4)	Type G8	1.3	
LOCKER ROOM 2	31x15x9Ft	(5)	Type F	1.8	
LOCKER ROOM 2-N	31x15x9Ft	(5)	Type G8	0.6	

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NOTES:

60-020 Calculations

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Calculation Summary Generated by LitePro V2.27E Provided and supported by USI Lighting, Inc. Filename: 60-020 Type: Indoor

Project Calculation Summary

Project name: PBA Lighting Survey - BLDG 60-020

Prepared for: Corps of Engineers
Prepared by: C. Warren

|Project #6941331 Date: 11-Mar-95 UPD: 0.7W/Sq.Ft

AREA NAME	IAME DIMENSIONS		AV	E	MAX	MIN
PROVOST MARSHAL	13x15x9Ft	Ceiling	<+>	48.1	66.6	29.0
PROV MARSHAL-N	13x15x9Ft	Ceiling	<+>	44.0	57.9	29.6
EECURITY SPEC	13x15x9Ft	Ceiling	<+>	47.3	62.0	29.5
TSECURITY SPEC-N	13x15x9Ft	Ceiling	<+>	44.0	57.9	29.6
ROOM 103	9x15x9Ft	Ceiling	<+>	40.7	47.1	33.2
ROOM 103-N	9x15x9Ft	Ceiling	<+>	54.1	64.7	42.0
ROOM 105	15x15x9Ft	Ceiling	<+>	37.9	43.3	31.3
ROOM 105-N	15x15x9Ft	Ceiling	<+>	47.3	65.8	27.1
ROOM 105A	8x15x9Ft	Ceiling	<+>	19.6	22.3	16.1
ROOM 105A-N	8x15x9Ft	Ceiling	<+>	36.1	47.1	23.9
ROOM 107	12x15x9Ft	Ceiling	<+>	15.6	20.1	10.7
ROOM 107-N	12x15x9Ft	Ceiling	<+>	27.6	40.7	16.1
ROOM 102	16x15x9Ft	Ceiling	<+>	24.3	27.2	19.2
ROOM 102-N	16x15x9Ft	Ceiling	<+>	44.2	64.6	22.5
ROOM 104	9x15x9Ft	Ceiling	<+>	30.0	39.1	19.4
COOM 104-N	9x15x9Ft	Ceiling	<+>	34.2	42.9	24.3
BREAK ROOM	13x15x9Ft	Ceiling	<+>	15.2	19.8	10.4
BREAK ROOM-N	13x15x9Ft	Ceiling	<+>	23.0	31.9	14.3
			l		1	1

Page 2 60-020 Calculat

0-020 Calculations	15x19x9Ft	Ceiling	<+>	10.9	27.7	0.1
TOILETS-N	15x19x9Ft	Ceiling	<+>	12.4	26.1	0.1
HALLWAY	90x56x9Ft	Ceiling	<+>	4.8	62.4	0.0
 HALLWAY-N	90x56x9Ft	Ceiling	<+>	2.2	27.8	0.0
 TRAINING	33x14x9Ft	Ceiling	<+>	25.8	42.0	11.7
 TRAINING-N	33x14x9Ft	Ceiling	<+>	23.6	39.7	9.0
LOCKERROOM 1	18x14x9Ft	Ceiling	<+>	39.7	70.3	18.1
LOCKERROOM 1-N	18x14x9Ft	Ceiling	<+>	20.6	35.9	9.3
FOYER		Ceiling	<+>	38.4	44.8	35.5
FOYER-N	6x7x9Ft	Ceiling	<+>	36.3	42.8	33.4
ROOM 109	 15x15x9Ft	Ceiling	<+>	41.0	65.5	0.0
ROOM 109-N	 15x15x9Ft	Ceiling	<+>	33.5	59.8	0.0
POOM 110	 12x15x9Ft	Ceiling	<+>	52.7	75.7	29.8
ROOM 110-N	 12x15x9Ft	Ceiling	<+>	40.5	58.4	23.0
RADIO ROOM		Ceiling	- <+>	80.2	134.6	27.2
RADIO ROOM-N		Ceiling	- <+>	46.5	71.8	18.9
LOCKER ROOM 2	31x15x9Ft	Ceiling	<+>	58.2	82.7	14.1
LOCKER ROOM 2-N	31x15x9Ft	Ceiling	<+>	29.9	42.2	6.4
NOTES:						

115 4 1 19 19 8 15 1

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 09:55 2-Feb-95 PROJECT: 60-020 AREA: PROVOST MARSHAL GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=29.0 MAX=66.6 AUE=48.1 AUE/MIN= 1.66 MAX/MIN= 2.30

M3 (2) = K8966 COLUMBIA K440-T, (4) F40CW, LLF= 0.58 M5 (2) = K7988K COLUMBIA K240-T, (2) F40CW, LLF= 0.58

Y-AXIS

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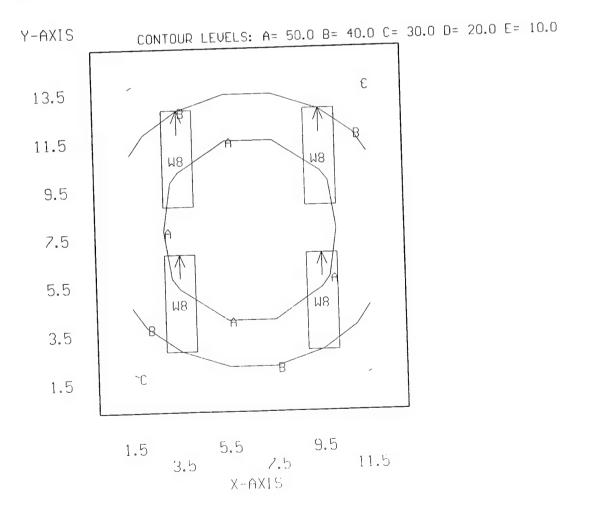
13.5	+	+ 42.3	+	+	+	+
11.5		51.2				
9.5		\$8.3				
7.5	+ 49.2	M5+ 61.0	66.6	64.2	M5 + 54.5	41.5
5.5	+ 46.5	□ ₊ 58.3	+ 64.6	61.9	□ ₊ 51.7	+ 39.4
3.5	40.3	+ [51.2	₄M3 57.7	55.0	+ 45.0	+ 34.2
1.5	33.8	+ 42.3	+ 47.8	45.8	+ 37.5	29.0
	1 5		55		95	

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:50 11-Mar-95 PROJECT: 60-020 AREA: PROV MARSHAL-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=29.6 MAX=57.9 AUE=44.0 AUE/MIN= 1.49 MAX/MIN= 1.96

 $W8 \langle 4 \rangle = K9604 COLUMBIA WCW240-A, (2) F032/35K, LLF= 0.69$

Maria Contract



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 10:01 2-Feb-95 PROJECT: 60-020 AREA: SECURITY SPEC GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=29.5 MAX=62.0 AUE=47.3 AUE/MIN= 1.60 MAX/MIN= 2.10

M3 (2) = K8966 COLUMBIA K440-T, (4) F40CW, LLF= 0.58 M5 (2) = K7988K COLUMBIA K240-T, (2) F40CW, LLF= 0.58

Y-AXIS

13.5	+ + + + + + + 29.5 37.4 43.9 44.0 37.5 29.7
11.5	+ + + + + + + + + + + + + + + + + + +
9.5	+ + + + + + + + + + + + + + + + + + +
7.5	+ + + + + + + + + + + + + + + + + + +
5.5	+ + + + + + + + + + + + + + + + + + +
3.5	38.8 49.7 57.7 ^{M3} 57.7 ² 49.8 39.4
1.5	+ + + + + + + + + + + + + + + + + + +

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:52 11-Mar-95 PROJECT: 60-020 AREA: SECURITY SPEC-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

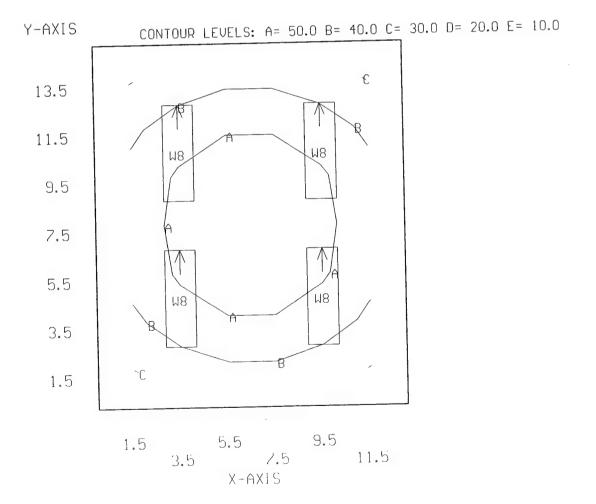
The Martin Control of

+ MIN=29.6 MAX=57.9 AUE=44.0 AUE/MIN= 1.49 MAX/MIN= 1.96

W8 (4) = K9604 COLUMBIA WCW240-A, (2) F032/35K, LLF= 0.69

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 10:07 2-Feb-95 PROJECT: 60-020 AREA: ROOM 103 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=33.2 MAX=47.1 AUE=40.7 AUE/MIN= 1.22 MAX/MIN= 1.42

M3 $\langle 2 \rangle$ = K8966 COLUMBIA K440-T, (4) F40CW, LLF= 0.58

Y-AXIS

13.5	33.2 39.3 39.3 33.2
11.5	37.3 45.d 37.3
9.5	+ + + + + 39.4 47.0 47.0 39.4
7.5	+ + + + + 39.8 47.1 47.1 39.8
5.5	+ + + + + 39.4 47.0 47.0 39.4
3.5	+ + M3 + + + 37.3 45.0 45.0 37.3
1.5	33.2 39.3 39.3 33.2

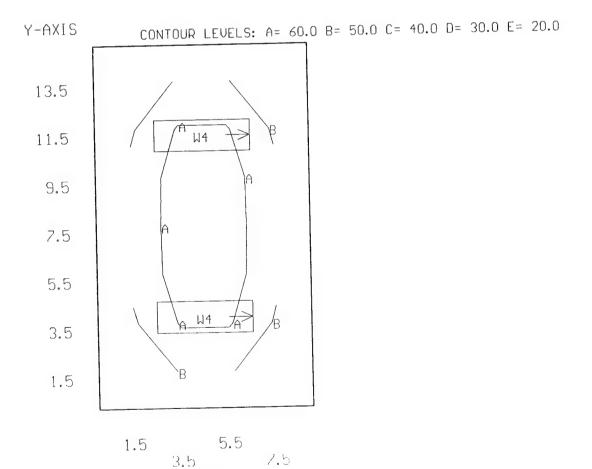
USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:01 11-Mar-95 PROJECT: 60-020 AREA: ROOM 103-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

25 15**9 1**8/192

+ MIN=42.0 MAX=64.7 AUE=54.1 AUE/MIN= 1.29 MAX/MIN= 1.54

W4 <2> = K9708 COLUMBIA WCW440-A, (4) F032/35K, LLF= 0.66

X-AXIS



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 11:21 2-Feb-95 PROJECT: 60-020 AREA: ROOM 105 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

Compression

+ MIN=31.3 MAX=43.3 AUE=37.9 AUE/MIN= 1.21 MAX/MIN= 1.38

A1 (4) = K9604 COLUMBIA WCW240-A, (2) F40CW, LLF= 0.68

Y-AXIS

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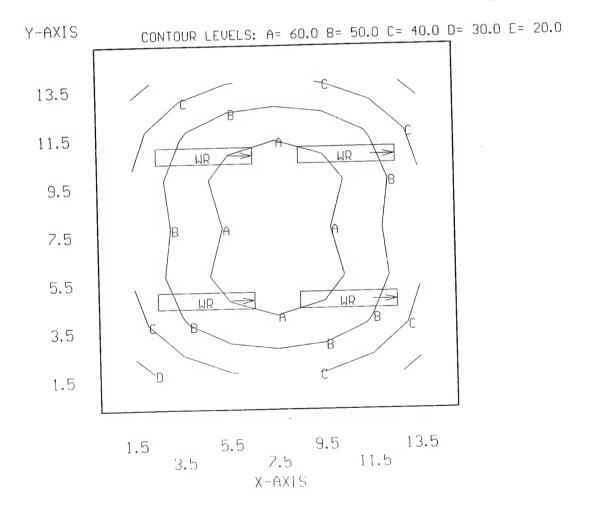
13.5
$$3\frac{1}{32.6}$$
 $3\frac{1}{34.6}$ $3\frac{1}{32.7}$ $3\frac{1}{34.6}$ $3\frac{1}{32.6}$ $3\frac{1}{32.7}$ $3\frac{1}{34.6}$ $3\frac{1}{32.6}$ $3\frac{1}{32.6}$ $3\frac{1}{32.7}$ $3\frac{1}{34.6}$ $3\frac{1}{32.6}$ $3\frac{1}{32.6}$ $3\frac{1}{32.7}$ $3\frac{1}{34.6}$ $3\frac{1}{32.6}$ $3\frac{1}{32.6}$ $3\frac{1}{32.7}$ $3\frac{1}{34.6}$ $3\frac{1}{32.6}$

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:05 11-Mar-95 PROJECT: 60-020 AREA: ROOM 105-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=27.1 MAX=65.8 AUE=47.3 AUE/MIN= 1.75 MAX/MIN= 2.43

WR $\langle 4 \rangle$ = T9939 METALOPTICS WRSN4STACLO42EP11, (2) F032/35K, LLF= 0.69



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 10:27 2-Feb-95 PROJECT: 60-020 AREA: ROOM 105A GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

Salaton in

+ MIN=16.1 MAX=22.3 AUE=19.6 AUE/MIN= 1.22 MAX/MIN= 1.39

M5 $\langle 2 \rangle$ = K7988K COLUMBIA K240-T, (2) F40CW, LLF= 0.58

Y-AXIS

 $\operatorname{Sign}(W_{i}(t), \ldots)$

 $\frac{1}{2} = H_{p_1}^{sep} e^{\frac{2\pi i}{2} \epsilon} \cdot \exp(-\epsilon \epsilon)^{-1}.$

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:09 11-Mar-95 PROJECT: 60-020 AREA: ROOM 105A-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=23.9 MAX=47.1 AUE=36.1 AUE/MIN= 1.51 MAX/MIN= 1.97

WR (2) = T9939 METALOPTICS WRSN4STACL042EP11, (2) F032/35K, LLF= 0.69

Y-AXIS CONTOUR LEVELS: A= 50.0 B= 40.0 C= 30.0 D= 20.0 E= 10.0

13.5

11.5

9.5

7.5

8

8

8

8

1.5

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 10:30 2-Feb-95 PROJECT: 60-020 AREA: ROOM 107 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=10.7 MAX=20.1 AUE=15.6 AUE/MIN= 1.45 MAX/MIN= 1.88

M5 (2) = K7988K COLUMBIA K240-T, (2) F40CW, LLF= 0.58

Y-AXIS

2.99 998 898 D

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:10 11-Mar-95 PROJECT: 60-020 AREA: ROOM 107-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=16.1 MAX=40.7 AUE=27.6 AUE/MIN= 1.71 MAX/MIN= 2.52

WR $\langle 2 \rangle$ = T9939 METALOPTICS WRSN4STACLO42EP11, (2) F032/35K, LLF= 0.69

Y-AXIS

13.5	+ 16.1	+ 23.8	+ 30.5	+ 30.5	+ 23.8	+ 16.1
11.5	+ 19.5	30.9	+ 40.7	40.7	* 30.9	19.5
9.5	+ 19.6	+ 29.7	+ 38.0	+ 38.0	+ 29.7	19.6
7.5	+ 18.9	+ 27.9	* 35.0	35.0	+ 27.9	+ 18.9
5.5	+ 19.6	+ 29.7	+ 38.0	+ 38.0	+ 29.7	+ 19.6
3.5	19.5	+ 1 30.9	+ W 40.7	R +>	30.9	+ 19.5
1.5	16.1	+ 23.8	+ 30.5	+ 30.5	+ 23.8	16.1
	1.0	3.0	5.0	7.0	9.0	11.0

X-AXIS

: 45°

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 10:35 2-Feb-95 PROJECT: 60-020 AREA: ROOM 102 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=19.2 MAX=27.2 AUE=24.3 AUE/MIN= 1.26 MAX/MIN= 1.41

M5 <4> = K7988K COLUMBIA K240-T, (2) F40CW, LLF= 0.58

Y-AXIS

13.5
$$19.2 22.6 23.9 23.6 23.6 23.9 22.6 19.2$$

11.5 $21.2 25.5 27.2 26.4 26.4 27.2 25.5 21.2$

9.5 $21.3 25.5 27.1 26.7 26.7 27.1 25.5 21.3$

7.5 $21.1 25.0 26.6 26.4 26.4 26.6 25.0 21.1$

5.5 $21.3 25.5 27.1 26.7 26.7 27.1 25.5 21.3$

3.5 $21.2 25.5 27.2 26.4 26.4 26.4 27.2 25.5 21.3$

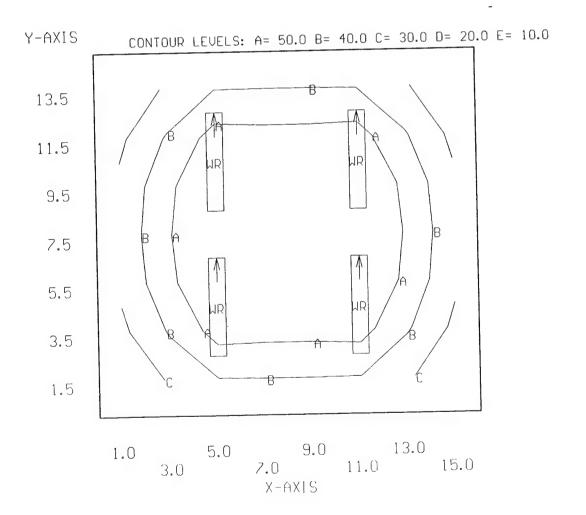
1.0 $3.0 7.0 20.0 11.0 15.0 15.0 15.0 15.0 15.0 15.0$

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:13 11-Mar-95 PROJECT: 60-020 AREA: ROOM 102-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

Belling Con

+ MIN=22.5 MAX=64.6 AUE=44.2 AUE/MIN= 1.97 MAX/MIN= 2.87

WR $\langle 4 \rangle$ = T9939 METALOPTICS WRSN4STACLO42EP11, (2) F032/35K, LLF= 0.69



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 10:39 2-Feb-95 PROJECT: 60-020 AREA: ROOM 104 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

1,400,0

+ MIN=19.4 MAX=39.1 AUE=30.0 AUE/MIN= 1.55 MAX/MIN= 2.02

M3 <1> = K8966 COLUMBIA K440-T, (4) F40CW, LLF= 0.58 M5 <1> = K7988K COLUMBIA K240-T, (2) F40CW, LLF= 0.58

Y-AXIS

13.5	+ + + + + 29.2 34.5 34.2 28.5
11.5	32.2 <u>39.11338.7</u> 31.4
9.5	32.2 38.9 38.5 31.5
7.5	29.8 35.2 34.9 29.2
5.5	+ + + + + 26.7 31.3 31.1 26.3
3.5	+ + M5 + + 23.7 27.9 27.8 23.4
1.5	+ + + + + 19.6 22.6 22.5 19.4

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:15 11-Mar-95 PROJECT: 60-020 AREA: ROOM 104-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

Satisfied S

STANDAY W

+ MIN=24.3 MAX=42.9 AUE=34.2 AUE/MIN= 1.41 MAX/MIN= 1.77

WR $\langle 2 \rangle$ = T9939 METALOPTICS WRSN4STACLO42EP11, (2) F032/35K, LLF= 0.69

Y-AXIS

Male Control

13.5	+ + + + 24.9 30.2 29.9 24.3
11.5	32.9 41.9NR41.5 32.0
9.5	+ + + + + 33.3 41.5 41.1 32.4
7.5	31.3 38.3 38.0 30.7
5.5	+ + + + + 32.7 40.7 40.4 32.2
3.5	+ + WR + + + 33.6 42.9 42.6 33.1
1.5	+ + + + + 26.2 32.2 32.0 25.8

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 10:50 2-Feb-95 PROJECT: 60-020 AREA: BREAK ROOM GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=10.4 MAX=19.8 AUE=15.2 AUE/MIN= 1.47 MAX/MIN= 1.91

M5 $\langle 2 \rangle$ = K7988K COLUMBIA K240-T, (2) F40CW, LLF= 0.58

Y-AXIS

- 高四種物學例 - ^ -

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:17 11-Mar-95 PROJECT: 60-020 AREA: BREAK ROOM-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=14.3 MAX=31.9 AUE=23.0 AUE/MIN= 1.61 MAX/MIN= 2.23

W8 (2) = K9604 COLUMBIA WCW240-A, (2) F032/35K, LLF= 0.69

Y-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 11:18 2-Feb-95 PROJECT: 60-020 AREA: TOILETS GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

CASSESSE.

+ MIN=0.07 MAX=27.7 AUE=10.9 AUE/MIN= 156.35 MAX/MIN= 395.76

A1 (1) = K9604 COLUMBIA WCW240-A, (2) F40CW, LLF= 0.68 J (1) = K9801X COLUMBIA LUN240-WL, (2) F40CW, LLF= 0.68

Y-AXIS 15.6 22.1 25.0 21.6 14.9 9.45 17.5 10.1 15.5 13.5 22.9 26.1 15.9 + 11.5 10.7 4.66 3.77 4.01 0.07 0.10 9.5 5.12 6.30 5.0 4.57 0.08 0.1 7.5 11.5 8.62 11.1 9.22 0.08 6.92 + 5.5 8.59 12.7 15.9 15.1 11.0 3.5 3.43 5.37 9.09 14.1 17.8 16.9 12.7 3.42 5.23 8.84 13.3 16.3 15.7 12.3 1.5

1.5 5.5 9.5 13.5 3.5 7.5 11.5 X AXIS

Service Services of the Services

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:19 11-Mar-95 PROJECT: 60-020 AREA: TOILETS-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.06 MAX=26.1 AUE=12.4 AUE/MIN= 188.84 MAX/MIN= 395.76

W8 (2) = K9604 COLUMBIA WCW240-A, (2) F032/35K, LLF= 0.69

China Maria

Y-AXIS 20.8 23.5 20.4 14.1 8.90 17.5 15.5 13.5 21.6 24.6 20.9 9.18 14.9 11.5 3.4 10.1 3.89 4.78 0.09 0.06 9.5 4.30 6.33 8.58 9.4 0.07 0.10 7.5 16.1 16.9 12.5 9.78 13.4 0.07 5.5 15.9 22.6 18.3 +W8 3.5 17.8 4.26 7.56 13.1 20.f 25.1 1.5 4.18 7.20 12.5 18.6 22.8 21.9 17.1 13.5 5.5 9.5 1.5 11.5 2.5 3.5

 $X - \hat{\Pi}XI'$,

13:19 2-Feb-95 HORZ CALC, Z= USI's LITE*PRO U2.27E Point-By-Point Numeric Output Ualues are FC, SCALE: 1 IN= 16.0FT, HORZ GRIĎ (U), Computed in accordance with IES recommendations PROJECT: 60-020 AREA: HALLWAY GRID: Ceiling

AUE,MIN=N/A MAX,MIN=N/A AUE=4.76 MAX=62.4 + MIN=0.00

= K9708 COLUMBIA WCW440-A, (4) F40CW, LLF= 0.68 = 81401C PRESCOLITE PBX-TB12, (1) 25A19/IF, LLF= 0.76 B1 <9> :: XZ <1> ::

, oo o. oo o. oo o. oo o. oo o. oo o o. oo , oo o. oo 1. 1873 + 1955 624 48,7 27,9 27,6 44,5 1843 36,1 23,2 45, 1844,0 26,2 19,2 43, 1855,5 28,5 21,4 46, 1842 7 23,2 6,9 . 03 0.05 0.05 0.05 0.05 0.05 0.00 23.1 25.0 0.36 0.34 0.31 0.27 0.22 0.19 0.17 0.08 0.05 0.04 0.03 0.03 0.02 0.02 0.02 81.0 45.0 53.0 57.0 65.0 x-AXIS 41.0 33.0 25.0 13.0 38.0 50.0 46.0 34.0 18.0 30.0 26.0 22.0 Y-AXIS 54,0

77.0

-collings

2.5 14:34 11-Mar-95 =2 HORZ CALC, USI's LITE*PRO U2.27E Point-By-Point Numeric Output Ualues are FC, SCALE: 1 IN= 16.0FT, HORZ GRID (U), PROJECT; 60-020 AREA: HALLWAY-N GRID: Ceiling Computed in accordance with IES recommendations

+ MIN=0.00 MAX=27.8 AUE=2.18 AUENIN=N/A MAX/MIN=N/A

W8 <9> = K9604 COLUMBIA WCW240-A, (2) F032/35K, LLF= 0.69 X2 <1> = B1401C PRESCOLITE PBX-TB12, (1) 25A19/IF, LLF= 0.76

. C3 0. C4 0. C4 0. C4 0. C4 0. C5 0 2.0 d. 55 0.07 0.08 0.07 0.05 0.05 0.00 9.65 7.80 0.33 0.35 0.33 0.26 0.19 0.15 0.12 0.09 0.07 0.04 0.03 0.03 0.03 0.02 0.01 + 6 254 24, 9 25 22, 3 14.0 13.4 20.6 25 16.4 11.4 20.94 23.7 12.2 9.63 19.24 24, 9 25 22, 3 14.0 13.4 20.6 25 10.8 3.64 . \$0 0 وَ.و مَنْ م مَنْ ه مُنْ ه مَنْ ه مَنْ ه مُنْ م م مُنْ م مُ 14.0 6.0 42.0 30.0 38.0 26.0 18.0 22.0 Y-AXIS 54.O 50.0

77.0 73.0 57.0 65.0 53.0 61.0 0 49.0 45.0 5 X-AXIS 37.0 33.0 25.0 21.0 13.0 0.0 5.0 0.1

16 18 18 18

Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 13:28 2-Feb-95 USI's LITE*PRO U2.27E Poınt-By-Poınt Numeric Output PROJECT: 60-020 AREA: TRAINING GRID: Ceiling Computed in accordance with IES recommendations 3.58 2.20 MAX/MIN= AUE/MIN= AUE=25.8 MAX=42.0 + MIN=11.7

G <4> = K7965 COLUMBIA 2SG240-EXA.125NOM, <2> F40CW, LLF= 0.68

y-AKIS

13.0 12.1 19.4 28.9 39.7735.5 27.3 17.7 11.9 11.9 17.7 27.3 35.8735.7 26.8 19.4 12.1

11.0 <math>12.4 21.2 23.6 42.054.8 32.1 20.9 13.7 13.7 20.9 32.1 41.854.0 32.6 21.2 12.4

3.0 <math>12.1 20.7 32.5 40.9 40.8 32.3 21.0 13.7 13.7 20.4 31.7 38.7 38.7 38.7 31.7 20.4 13.7 13.7 20.4 31.7 38.7 38.7 31.7 20.4 13.7 13.7 20.4 31.7 30.9 32.5 40.8 40.8 32.3 21.0 13.9 21.0 32.3 40.8 40.9 40.8 32.3 21.0 13.9 13.7 20.4 31.7 38.7 38.7 38.7 31.7 20.4 13.7 13.7 20.4 31.7 38.7 38.7 38.7 31.7 20.4 13.7 13.9 21.0 32.3 40.8 40.9 32.5 20.7 12.1 33.0 12.4 21.2 32.6 42.054.8 32.1 20.9 13.7 13.7 20.9 32.1 41.854.0 32.6 21.2 12.4 11.7 10.7 32.5 42.054.8 32.1 20.9 13.7 14.9 14.8 32.1 20.9 32.1 41.8 12.1 21.2 32.5 23.5 23.5 23.5 23.5 23.5 23.5 28.8 19.4 12.1 21.7 21.9 21.9 21.9 23.5 23.5 28.8 19.4 12.1 21.2 21.9 21.9 23.5 23.5 28.8 19.4 12.1 21.2 21.9 21.9 23.5 23.5 23.5 28.8 19.4 12.1 21.2 21.9 21.9 23.5 23.5 23.5 28.8 19.4 12.1 21.2 21.9 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5 28.8 23.5 23.

1.5 5.5 5.5 9.5 11.5 15.5 19.5 23.5 27.5 31.5 X-AXIS

14:37 11-Mar-95 2.5 ∪alues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= USI's LÎTE*PRO U2.27E Point-By-Point Numeric Output PROJECT: 60-020 AREA: TRAINING-N GRID: Ceiling Computed in accordance with IES recommendations

4.40 2.62 MAX/MIN= AUE/MIN= AUE=23.6 MAX=39.7 + MIN=9.02 G8 <4> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

13.0 9.£4 18.0 26.7 33.5731.3 25.3 16.2 9.02 9.02 16.2 25.3 33.3731.5 26.7 18.0 9.84

11.0 9.75 20.0 30.5 39.934.4 25.8 19.3 10.1 10.1 19.3 29.8 39.9373.5 26.7 18.0 9.75

9.0 9.68 19.1 30.3 39.0 38.8 30.1 19.1 10.7 10.7 19.1 30.1 38.8 39.0 30.3 19.1 9.68

7.0 9.57 17.9 29.6 37.1 37.1 29.5 18.1 10.8 10.8 18.1 29.5 37.1 37.1 29.6 17.9 9.57

5.0 9.68 19.1 30.3 39.938.8 30.1 19.1 10.7 10.7 19.1 30.1 38.8 873.0 30.3 19.1 9.68

3.0 9.75 20.0 30.5 39.938.8 30.1 19.1 10.7 10.7 13.1 30.1 38.8 8735.0 30.3 15.1 9.68

3.0 9.75 20.0 30.5 39.938.8 30.1 19.1 10.7 10.7 13.1 30.1 38.8 8735.0 30.3 15.1 9.68

1.0 9.84 18.0 26.7 33.5 33.3 25.3 16.2 9.02 9.02 16.2 25.3 33.3 33.5 26.7 18.0 9.88 1

1.5 5.5 5.5 11.5 15.5 19.5 23.5 25.5 31.5 X-AxIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:34 2-Feb-95 PROJECT: 60-020 AREA: LOCKERROOM 1 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

·马勒尔撒克斯

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+ MIN=18.1 MAX=70.3 AUE=39.7 AUE/MIN= 2.20 MAX/MIN= 3.89

F <2> = K7952 COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68

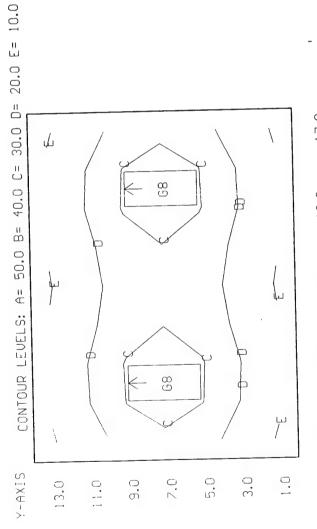
Y-AXIS 20.5 22.5 20.5 18.7 13.0 22.5 21.8 18.1 34.8 39.3 38.3 34.8 30.8 11.0 39.3 50.9 60.0 9.0 45.0 51.3 58.3 70.3 68.9 7.0 68.9 70.3 58.3 58.7 60.0 50.9 45.0 50.9 60.0 45.4 5.0 30.4 3.0 34.8 39.3 30.8 34.8 39.3 18.1 20.5 1.0 20.5 18.7 17.0 13.0 9.0 5.0 1.0 15.0 11.0 7.0 3.0 X-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:39 11-Mar-95 PROJECT: 60-020 AREA: LOCKERROOM 1-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 5.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

3.86 2.22 MAX/MIN= AUE/MIN= AUE=20.6 MAX=35.9 + MIN=9.29

G8 <2> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

· ANTENNA



3.0 5.0 9.0 13.0 17.0 x-AXIS

2.5 USI's LITE*PRO U2.27E Point-By-Point Numeric Output 13:38 2-Feb-95 PROJECT: 60-020 AREA: FOYER GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=35.5 MAX=44.8 AUE=38.4 AUE/MIN= 1.08 MAX/MIN=

1.26

G <1> = K7965 COLUMBIA 2SG240-EXA.125NOM, (2) F40CW, LLF= 0.68

Y-AXIS

3.0 X-AXIS

LA CONTRACTOR

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:41 11-Mar-95 pROJECT: 60-020 AREA: FOYER-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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1.28 1.09 MAX/MIN= AUE/MIN= AUE=36.3 MAX=42.8 + MIN=33.4 G8 <1> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

V-PXIS

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3.0 X-AXIS 41 11 1

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:47 2-Feb-95 PROJECT: 60-020 AREA: ROOM 109 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.00 MAX=65.5 AUE=41.0 AUE/MIN=N/A MAX/MIN=N/A

M3 <3> = K8966 COLUMBIA K440-T, (4) F40CW, LLF= 0.58

Y-AXIS

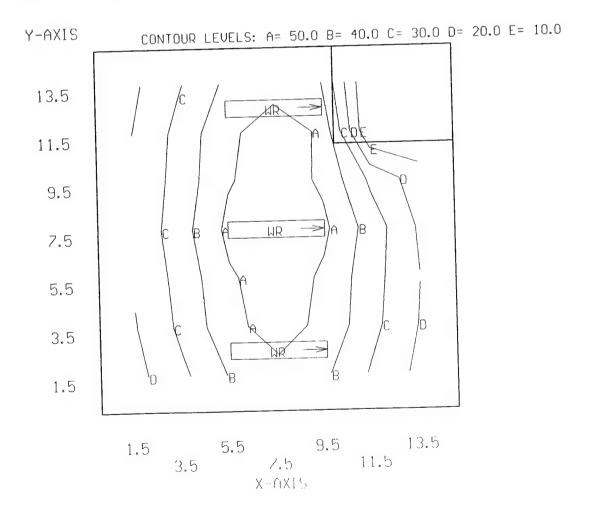
13.5		+ + + + + 2 1 45.4 0.00 0.00
11.5	+ + + + 29.5 41.3 54.7 6	+ + + + + 0.5 54. 0.00 0.00
9.5	+ + + 31.0 43.7 58.1 6	4.7 56.9 41.6 23.9
7.5	+ + 1 31.4 44.4 58.9 6	MB → + + 5.5 58.0 43.2 29.4
5.5	+ + + + 30.8 43.4 57.9 6	+ + + + 54.6 57.3 42.6 29.9
3.5	+ + + + + 29.0 40.8 5 1.3 (+ + + + + 60.6 53.9 40.3 28.5
1.5	+ + + + 26.2 36.5 48.2	+ + + + 53.4 47.9 36.1 25.8
	1.5 5.5	9.5 13.5

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:43 11-Mar-95 PROJECT: 60-020 AREA: ROOM 109-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.00 MAX=59.8 AVE=33.5 AVE/MIN=N/A MAX/MIN=N/A

2. **阿尔克斯**

WR $\langle 3 \rangle$ = T9939 METALOPTICS WRSN4STACLO42EP11, (2) F032/35K, LLF= 0.69



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:50 2-Feb-95 PROJECT: 60-020 AREA: ROOM 110 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

- 標準とさい

+ MIN=29.8 MAX=75.7 AUE=52.7 AUE/MIN= 1.77 MAX/MIN= 2.55

F (2) = K7952 COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68

Y-AXIS

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13.5
$$29.8 48.2 64.0 64.0 48.2 29.8$$

11.5 $34.5 56.7 75.7 75.7 56.7 34.5$
9.5 $34.7 56.7 73.9 73.9 56.7 34.7$
7.5 $33.7 55.1 70.0 70.0 55.1 33.7$
5.5 $34.7 56.7 73.9 73.9 73.9 56.7 34.7$
3.5 $34.5 56.7 75.7 75.7 56.7 34.5$
1.5 $29.8 48.2 64.0 64.0 48.2 29.8$
1.0 $3.0 7.0 9.0 11.0$

X-AXIS

1 March

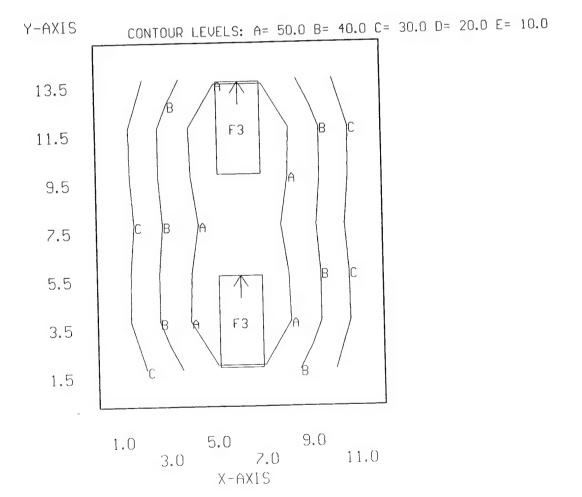
USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:53 11-Mar-95 PROJECT: 60-020 AREA: ROOM 110-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=23.0 MAX=58.4 AUE=40.5 AUE/MIN= 1.76 MAX/MIN= 2.54

F3 $\langle 2 \rangle$ = A9720 COLUMBIA T84PS2*-84-243-3EOCT, (3) F032/31K, LLF= 0.66



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Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (V), HORZ CALC, Z= 2.5 USI's LITE*PRO U2.27E Point-By-Point Numeric Output 13:59 2-Feb-95 PROJECT; 60-020 AREA: RADIO ROOM GRID: Ceiling Computed in accordance with IES recommendations 4.95 2.95 MAX/MIN= AUE,MIN= AUE=80.2 MAX=135. + MIN=27.2

Marine Marine Land

F <3> = K7952 COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68 G <1> = K7965 COLUMBIA 2SG240-EXA.125NOM, (2) F40CW, LLF= 0.68

Y-AXIS

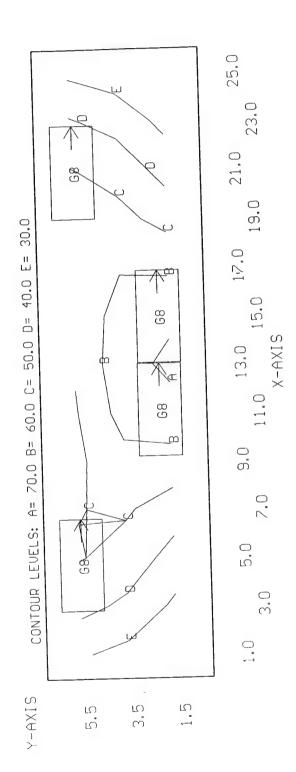
25.0 21.0 19.0 17.0 15.0 13.0 0 6 7.0 5.0 3.0 1.0

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:55 11-Mar-95 PROJECT: 60-020 AREA: RADIO ROOM-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Computed in accordance with IES recommendations

SASSONIA STATE

3.80 2.46 MAX/MIN= AUE/MIN= AUE=46.5 MAX=71.8 - MIN=18.9 G8 <4> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

Experience



USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:09 2-Feb-95 PROJECT: 60-020 AREA: LOCKER ROOM 2 GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance uith IES recommendations

F <5> = K7952 COLUMBIA 2SG440-EXA.125NOM, (4) F40CW, LLF= 0.68

5.85

4.12 MAX/MIN=

AUE/MIN=

AUE=58.2

MAX=82.7

+ MIN=14.1

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42.7 62.6 75.6 74.7 67.5 67.3 74.4 75.6 75.5 68.9 68.9 75.0 74.6 61.0 41.3 45.1 66.2 78.3 72.9 63.1 63.3 74.4 82.7 75.8 65.4 65.2 74.6 78.9 65.8 44.4 3\$.0 54.7 62.8 58.8 51.3 51.9 60.9 67.1 62.1 53.9 53.7 61.1 64.6 55.5 39.0 33.0 48.6 62.3 70.6 70.5 69.3 68.7 67.6 69.4 70.3 71.1 70.2 61.0 47.0 31.6 1.5.6 27.5 45.5 66.5 80.7 7.0 63.3 55.4 63.3 76.9 80.8 66.3 45.2 27.1 17.2 23.2 35.8 52.3 69.3 77.9 74.9 66.3 60.3 66.6 75.4 78.1 68.9 51.5 34.8 22.4 14.3 21.7 36.6 55.0 47.0 45.2 53.9 47.0 53.7 64.4 47.4 54.8 36.4 21.5 14.1 Y-AXIS . ც 7.5

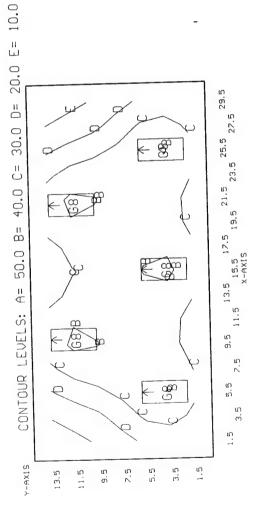
5 21.5 25.5 29.5 19.5 23.5 27.5 15.5 x-x 13.5 7.50 S)

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:57 11-Mar-95 PROJECT: 60-020 AREA: LOCKER ROOM 2-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

· 文件數學院等等學生。

6.60 4.68 MAX/MIN= AUE/MIN= AUE=29.9 MAX=42.2 + MIN=6.39

= 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66 (68 <5>



Bidg 60-060 Summary

	Present System	tem			Replaceme	Replacement System	
rivti ro	Watts/	Number	Total	Fixture	Watts/	Number	Total
1. in 0	Cixt ire	Fixtures	Watts	Type	Fixture	Fixtures	Watts
lype	Lividio	0000	249	P	23	3	69
Z L	30,	2 6	7 138	E	59	8	472
-	99	51	2 2	1 0	19	35	2.135
7	09	က	180	ב	5	3	477
75	41	2	82	W2	29	3	//
2				Z8	29	2	118
010407		5.	7 649	Totals		51	2,971
Olais							

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60-060 Schedule

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule Generated by LitePro V2.27E Provided and supported by USI Lighting, Inc. Type: Indoor Filename: 60-060

Luminaire Fixture Schedule PRESENT Project #6941331 Project name: PBA lighting Survey - Bldg 60-060 Date: 25-Jan-95 Prepared for: Corps of Engineers

UPD: 2.2W/Sq.Ft Prepared by: C. Warren

-	TYPE	DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS
	A1	15"X4'2L CEILING MT.WRAPAROUND LENS- PRISMATIC W/ GLOW ENDS COLUMBIA WCW240-A	F40CW ESB	000 - 83	3	
	F	2X4 4L FLUSH STATIC TROFFER LENS125" POLARIZED PATT.12 COLUMBIA 4PS2*-87-244	F40CW ESB	000 - 166 	\43	
,	Y1	5"RECESS ROUND DOWNLIGHT, LOWER OPEN- CLEAR ALZAK REFLECTOR PRESCOLITE 1222-262	60A19/IF NA	000 - 60 	3	
	Z5	5"X4"X4' 2L WALL CORRIDOR WRAP LENS- SMOOTH WHITE ACRYLIC COLUMBIA W240-A	F20T12/CW ESB	000	2	

NOTES:

60-060 Schedule

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule Generated by LitePro V2.27E Provided and supported by USI Lighting, Inc. Type: Indoor

Filename: 60-060

Luminaire Fixture Schedule

Project name: PBA lighting Survey - Bldg 60-060

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 11-Mar-95 UPD: 0.9W/Sq.Ft

 TYP	DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS
CF	8"1L(VERT) RECESS RND.DOWNLITE OPEN - CLR.REFL. W/ BLK.BAFFLE PRESCOLITE CF122518-B462	F18DTT/27K STD	000 - 23	3	
9 ?	2X4 2L FLUSH STATIC TROFFER LENS-PRISMATIC ACRYLIC PATT-19 COLUMBIA T84PS2*-84-242-2EOCT	FO32/31K EOCT	000 - 59	8	
FR	2X4 ACRYLIC LENSED TROFFER ECONOMY SILVER BEAM REFLECTOR METALOPTICS 24EKSO42EP11	FO32/35K EOCT	000 - 61	35	
W2	15"X4'2L CEILING MT.WRAPAROUND LENS- PRISMATIC W/ GLOW ENDS COLUMBIA WCW240-A	FO32/35K EOCT	000 - 59	3	
88	5"X4"X4' 2L WALL CORRIDOR WRAP LENS- SMOOTH WHITE ACRYLIC COLUMBIA W240-A	FO32/35K EOCT FZ8	000	2	

NOTES:

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Area Summary
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 60-060 Type: Indoor

Project Area Summary

Project name: PBA lighting Survey - Bldg 60-060

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 11-Mar-95

UPD: 1.6W/Sq.Ft

AREA NAME	DIMENSIONS	LUMINAIRES	W/SQ.FT	QTY
BREAK ROOM	24x20x8Ft	(6) Type F	2.1	1
BREAK ROOM-N	24x20x8Ft	(6) Type F2	0.7	1
HALLWAY	4x10x8Ft	(1) Type A1	2.1	1
.LLWAY-N	4x10x8Ft	(1) Type W2	1.5	1
MENS RESTROOM	10x5x8Ft	(1) Type F (1) Type Y1	4.5	1
MENS RESTROOM-N	10x5x8Ft	(1) Type CF (1) Type F2	1.6	1
WOMENS ROOM	10x10x8Ft	(1) Type F (2) Type Z5	2.5	1
WOMENS ROOM-N	10x10x8Ft	(1) Type F2 (2) Type %875	1.8	1
JANITOR	4x4x8Ft	(1) Type Y1	3.8	1
JANITOR-N	4x4x8Ft	(1) Type CF	1.4	1
ROOM 6	10x14x8Ft	(2) Type F	2.4	1
ROOM 6-N	10x14x8Ft	(2) Type FR	0.9	1
OPEN OFFICE	28x22x8Ft	(9) Type F	2.4	1
OPEN OFFICE-N	28x22x8Ft	(9) Type FR	0.9	1
OOM 5	14x13x8Ft	(2) Type F	1.8	1
ROOM 5-N	14x13x8Ft	(2) Type FR	0.7	1
ROOM 6A	14x13x8Ft	(2) Type F	1.8	1

Page 2 60-060 Areas

50-060 Areas					
ROOM 6-N	14x13x8Ft	(2)	Type FR	0.7	1
STORAGE	8x9x8Ft	(1)	Type A1	1.2	1
STORAGE-N	8x9x8Ft	(1)	Type W2	0.8	1
ROOM 3	16x18x8Ft	(4)	Туре F	2.3	1
ROOM 3-N	16x18x8Ft	(4)	Type FR	0.8	1
OPEN AREA 1	40x17x8Ft	(9)	Type F	2.2	1
OPEN AREA 1-N	40x17x8Ft	(9)	Type FR	0.8	1
ROOM 2	11x18x8Ft	(3)	Type F	2.5	1
ROOM 2-N	11x18x8Ft	(3)	Type FR	0.9	1
ROOM 1	16x18x8Ft	(4)	Type F	2.3	1
ROOM 1-N	16x18x8Ft	(4)	Type FR	0.8	1
ENTRANCE HALL	5x18x8Ft	(1)	Type A1 Type Y1	1.6	1
ENTRANCE HALL-N	5x18x8Ft	(1)	Type CF Type W2	0.9	1

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NOTES:

60-060 Calculations

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

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Project Calculation Summary Generated by LitePro V2.27E Provided and supported by USI Lighting, Inc. Filename: 60-060 Type: Indoor

Project Calculation Summary

Project name: PBA lighting Survey - Bldg 60-060

Prepared for: Corps of Engineers
Prepared by: C. Warren

|Project #6941331 Date: 11-Mar-95 UPD: 1.6W/Sq.Ft

AREA NAME	DIMENSIONS	GRID NAME	AV	E	MAX	MIN
BREAK ROOM	24x20x8Ft	Ceiling	<+>	55.5	83.4	13.2
BREAK ROOM-N	24x20x8Ft	Ceiling	<+>	35.1	50.8	7.2
HALLWAY	4x10x8Ft	Ceiling	<+>	32.8	42.9	24.1
HALLWAY-N	4x10x8Ft	Ceiling	<+>	29.3	38.3	21.5
MENS RESTROOM	10x5x8Ft	Ceiling	<+>	53.9	81.1	25.7
MENS RESTROOM-N	10x5x8Ft	Ceiling	<+>	35.1	50.5	16.2
WOMENS ROOM	10x10x8Ft	Ceiling	<+>	38.8	74.3	13.6
WOMENS ROOM-N	10x10x8Ft	Ceiling	<+>	33.2	53.4	14.9
JANITOR	4x4x8Ft	Ceiling	<+>	11.2	11.3	11.1
JANITOR-N	4x4x8Ft	Ceiling	<+>	10.3	10.7	10.0
ROOM 6	10x14x8Ft	Ceiling	<+>	53.4	78.4	30.1
ROOM 6-N	10x14x8Ft	Ceiling	<+>	39.0	56.8	22.6
OPEN OFFICE	28x22x8Ft	Ceiling	<+>	63.2	83.5	46.2
OPEN OFFICE-N	28x22x8Ft	Ceiling	<+>	48.2	65.2	22.3
ROOM 5	14x13x8Ft	Ceiling	<+>	45.8	84.5	17.6
OOM 5-N	14x13x8Ft	Ceiling	<+>	33.6	61.7	13.6
ROOM 6	14x13x8Ft	Ceiling	<+>	45.2	86.5	0.4
ROOM 6-N	14x13x8Ft	Ceiling	<+>	33.2	63.3	0.3
			1		ı	1

2. **经**基本

0-060 Calculations TORAGE	s 8x9x8Ft 	Ceiling	<+>	27.7	35.8	20.8
STORAGE-N	8x9x8Ft	Ceiling	<+>	24.7	31.9	18.6
ROOM 3		Ceiling	<+>	58.0	87.3	16.6
ROOM 3-N	-	Ceiling	<+>	42.7	63.9	13.0
OPEN AREA 1	- 40x17x8Ft	Ceiling	<+>	59.4	83.6	18.
OPEN AREA 1-N	40x17x8Ft	Ceiling	<+>	43.8	59.4	14.
ROOM 2	11x18x8Ft	Ceiling	<+>	56.6	90.2	12.
ROOM 2-N	11x18x8Ft	Ceiling	<+>	41.7	64.8	9.
ROOM 1	16x18x8Ft	Ceiling	<+>	56.6	75.9	35.
ROOM 1-N	16x18x8Ft	Ceiling	<+>	41.6	54.4	27.
ENTRANCE HALL	5x18x8Ft	Ceiling	<+>	21.1	39.9	6.
ENTRANCE HALL-N	5x18x8Ft	Ceiling	<+>	18.4	35.6	4.

MOTES:

10 1 1 2 38 1 1 8 1 1 E

2.5 15:16 25-Jan-95 Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= USI's LITE*PRO U2.27E Point-By-Point Numeric Output DROJECT: 60-060 AREA: BREAK ROOM GRID: Ceiling Computed in accordance with IES recommendations

+ MIN=13.2 MAX=83.4 AUE-55.5 AUE.MIN= 4.20 MAX.MIN=

- <6> = 9753 COLUMBIA 4PS2*-87-244, <4> F40CW, LLF= 0.68

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20.8 26.1 27.9 27.1 27.6 29.4 29.4 27.6 27.1 27.9 26.1 2C.8 13.2 14.9 15.8 16.2 16.6 17.0 17.0 16.6 16.2 15.8 14.9 13.2 35.2 48.1 51.3 47.4 47.9 53.3 53.3 47.9 47.4 51.3 48.1 35.2 54.3 755-2-79-51 71.5 72.1 182.0-82.0 72.1 71.5 73.5-75.3 54.3 39.8 52.1 54.9 51.0 51.6 57.0 57.0 51.6 51.0 54.9 52.1 39.8 52.9 73.7.7.3 63.3 63.9 73.4.73.5 63.9 63.3 63.7.2.7.3.3 52.9 55.4 76.5 80.9 72.9 73.6 83.4 83.4 73.6 72.9 80.9 76.5 55.4 49.6 66.4 75.5 65.4 66.1 73.1 73.1 66.1 65.4 70.5 66.4 49.6 49.3 65.0 70.1 65.0 65.6 72.7 72.7 65.6 65.0 70.1 66.0 49.3 50.4 70.7 74.8 66.8 67.4 77.2 77.2 67.4 66.8 74.8 70.7 50.4 5.0 1.0 7.0 3.0 15.0 13.0 9.0 19.0 17.0 11.0

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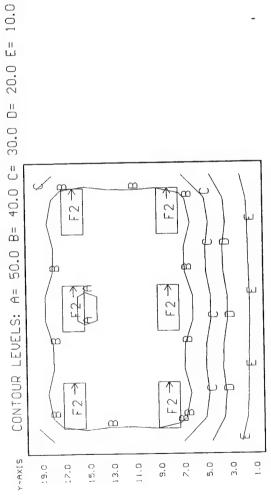
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USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:20 11-Mar-95 PROJECT: 60-060 AREA: BREAK ROOM-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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7.02 4.85 MAX/MIN= AUE/MIN= AUE=35.1 MAX=50.8 + MIN=7.24 F2 <6> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:21 25-Jan-95 PROJECT: 60-060 AREA: HALLWAY GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=24.1 MAX=42.9 AUE=32.8 AUE/MIN= 1.36 MAX/MIN= 1.78

A1 (1) = K9604 COLUMBIA WCW240-A, (2) F40CW, LLF= 0.68

Y-AXIS

1817/91

1.0 3.0 X-AXIS USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:22 11-Mar-95 PROJECT: 60-060 AREA: HALLWAY-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=21.5 MAX=38.3 AUE=29.3 AUE/MIN= 1.36 MAX/MIN= 1.78

W2 (1) = K9604 COLUMBIA WCW240-A, (2) F032/35K, LLF= 0.66

Y-AXIS

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1.0 3.0 X-AXIS The state of the s

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:03 25-Jan-95 PROJECT: 60-060 AREA: MENS RESTROOM GRID: Ceiling Jalues are FC, SCALE: 1 IN= 4.0FT, HORZ SRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

3,15 2.10 MAX/MIN= AUE/MIN= AUE=53.9 MAX=81.1 + MIN=25.7

<1> = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68
*! <1> = B1999A PRESCOLITE 1222-262, (1) 60A19/IF, LLF= 0.81

All American

Y-AXIS

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USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:26 11-Mar-95 PROJECT: 60-060 AREA: MENS RESTROOM-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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3.12 2.17 MAX/MIN= AUE=35,1 AUE/MIN= MAX=50.5 + MIN=16.2

CF <1> = B2125A PRESCOLITE CF122518-B462, (1) F18DTT/27K, LLF= 0.50 F2 <1> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

Y-AXIS

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16:02 25-Jan-95 2.5 =2 Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, JSI's LITE*PRO V2.27E Point-By-Point Numeric Output PROJECT: 60-060 AREA; WOMENS ROOM GRID: Ceiling Computed in accordance with IES recommendations 5.48 2.86 MAX/MIN= AUE/MIN= AUE=38.8 MAX=74.3 + MIN=13.6

F <1> = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68 25 <2> = K8957 COLUMBIA W240-A, (2) F20T12/CW, LLF= 0.60

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Y-AXIS

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1.0 5.0 9.0 3.0 7.0 x-AXIS Stone British

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:29 11-Mar-95 PROJECT: 60-060 AREA: WOMENS ROOM-N GRID: Ceiling 2.5 Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= Computed in accordance with IES recommendations

3.60 2.23 MAX/MIN= AUE/MIN= AUE=33.2 MAX=53.4 + MIN=14.9 F2 <1> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66 28 <2> = K8957 COLUMBIA W240-A, (2) F032/35K, LLF= 0.58

Andrews assessed

Y-AXIS

1.0 5.0 9.0 3.0 7.0 X-AXIS USI'S LITE*PRO V2.27E Point-By-Point Numeric Output 16:20 25-Jan-95 PROJECT: 60-060 AREA: JANITOR GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=11.1 MAX=11.3 AUE=11.2 AUE.MIN= 1.01 MAX.MIN=

1.02

Y! <!> = B!999A PRESCOLITE 1222-262, (1) 60A19/1F, LLF= 0.81

Y-AXIS

W ...

3.0 X-AXIS USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:31 11-Mar-95 PROJECT: 60-060 AREA: JANITOR-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

Mark Marie Co.

+ MIN=9.96 MAX=10.7 AUE=10.3 AUE/MIN= 1.04 MAX/MIN=

1.07

CF <1> = B2125A PRESCOLITE CF122518-B462, (1) F18DTT/27K, LLF= 0.50

Y-AXIS

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3.0 X-AXIS

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:28 25-Jan-95 PROJECT: 60-060 AREA: ROOM 6 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

Padling Cons.

+ MIN=30.1 MAX=78.4 AUE=53.4 AUE/MIN= 1.78 MAX/MIN= 2.61

 $F \langle 2 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

Y-AXIS

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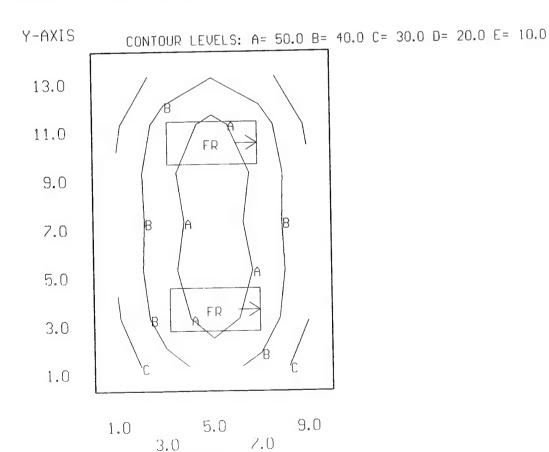
USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:36 11-Mar-95 PROJECT: 60-060 AREA: ROOM 6-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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人名英格兰英格兰 电电流

+ MIN=22.6 MAX=56.8 AVE=39.0 AVE/MIN= 1.73 MAX/MIN= 2.52

FR (2) = T10620 METALOPTICS 24EKS042EP11, (2) F032/35K, LLF= 0.69



X-AXIS

2.5 16:33 25-Jan-95 HORZ CALC, USI's LITE*PRO U2.27E Point-By-Point Numeric Output PROJECT: 60-060 AREA: OPEN OFFICE GRID: Ceiling Values are FC, SCALE: 1 IN= 8.OFT, HORZ GRID (U), Computed in accordance with IES recommendations

SAMOLES

1.81 1.37 MAX/MIN= AUE/MIN= AUE=63.2 MAX=83.5 + MIN=46.2

F <9> = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

54.0 71.9 73.5 60.3 52.2 60.5 74.3 74.3 60.5 52.2 60.3 73.5 71.3 54.0 5.0 24. 5.9 24. 63.0 53.1 63.1 80. 5 80.2 63.1 53.1 63.0 29.8 58.9 57.0 54.6 72.7 74.4 61.2 53.1 61.5 75.5 75.5 61.5 53.1 61.2 74.4 72.7 54.6 5.0 80.8 82.4 65.6 55.8 66.1 83.5 82.5 65.1 55.8 65.6 12 83.0 54.6 72.7 74.4 61.2 53.1 61.5 75.5 75.5 61.5 53.1 61.2 74.4 72.7 54.6 54.0 71.9 73.5 60.3 52.2 60.5 74.3 74.3 60.5 52.2 60.3 73.5 71.9 54.0 50.1 65.4 67.0 56.4 49.5 56.7 67.9 67.9 56.7 49.5 56.4 67.0 65.4 50.1 5.0 28 4 23.8 63.0 53.1 63.1 80.2 63.1 53.1 63.0 28.8 28.4 57.0 65.3 66.5 54.0 46.2 53.7 66.2 66.2 53.7 46.2 54.0 66.5 65.3 49.1 50.1 65.4 67.0 56.4 49.5 56.7 67.9 67.9 56.7 49.5 56.4 67.0 65.4 50.1 + 64 1.0 9.0 3.0 13.0 11.0 7.0 15.0 Y-AXIS 21.0 0.0

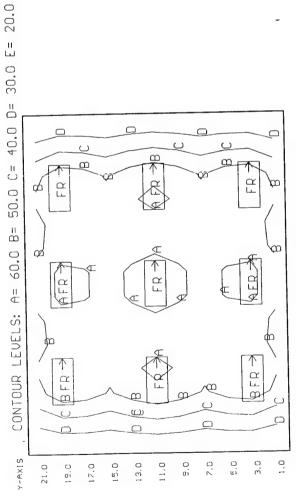
1.0 3.0 5.0 7.0 9.0 13.0 17.0 $^{13.0}_{X-AXIS}$ 19.0 $^{21.0}_{23.0}$ 25.0 $^{25.0}_{27.0}$

79 B

2.5 USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:40 11-Mar-95 PROJECT: 60-060 AREA: OPEN OFFICE-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (V), HORZ CALC, Computed in accordance with IES recommendations 2.92 2.16 MAX/MIN= AUE/MIN= AUE=48.2 MAX=65.2 + MIN=22.3

FR <9> = T10620 METALOPTICS 24EKS042EP11, (2) F032/35K, LLF= 0.69

"神髓的感"



1.0 3.0 5.0 9.0 13.0 15.0 21.0 23.0 $^{25.0}$ 27.0 $^{20.0}$ $^{20.0}$ $^{20.0}$ $^{20.0}$ $^{20.0}$ $^{20.0}$ $^{20.0}$

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:36 25-Jan-95 PROJECT: 60-060 AREA: ROOM 5 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

(1) 建建筑(1)

+ MIN=17.6 MAX=84.5 AUE=45.8 AUE/MIN= 2.59 MAX/MIN= 4.79

 $F \langle 2 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

Y-AXIS

Same of the second

3.5

11.5	+ 17.9	+ 32.5	52.2	+ 61.8	52.4	+ 32.8	18.1
9.5	21.2	+ 40.3	66.6	₽ - 80.3	66.9	40.6	21.4
7.5	+ 23.0	+ 43.2	+ 70.6	+ 84.5	71.0	+ 43.7	23.3
5.5	I .		1	+ 84.5			
3.5	+ 21.0	+ 39.9	66.0	F 79.9	→ 66.7	+ 40.6	21.4
1.5	17.6	+ 31.9	51.1	+ 60.7	+ 51.6	+ 32.4	+ 18.0
	1.0		5.0		9.0		13.0
		3.0		2.0 X-AXIS		11.0	

AND SHOW

Section 18

FR <2> = T10620 METALOPTICS 24EKS042EP11, (2) F032/35K, LLF= 0.69

4.54

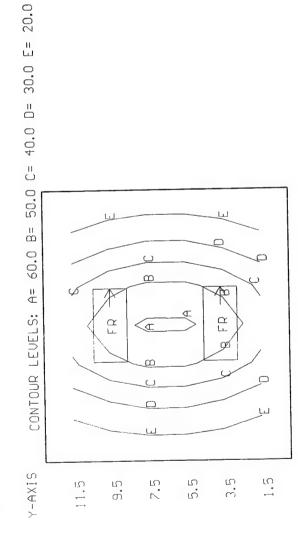
2.47 MAX/MIN=

AUE/MIN=

AUE=33.6

MAX=61.7

+ MIN=13.6



1.0 5.0 9.0 13.0 13.0 x-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:41 25-Jan-95 PROJECT: 60-060 AREA: ROOM 6 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

· 中国的特殊

+ MIN=0.42 MAX=86.5 AUE=45.2 AUE/MIN= 107.58 MAX/MIN= 205.61

 $F \langle 2 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

an Caralland Market State of the

11.5	16.6	+ 29.5	+ 46.6	+ 55.1	+ 46.9	+ 29.8	+ 0.42
9.5	+ 20.5	+ 38.9	64.2	7 7. 5	6.6	39.1	+ 18.8
7.5	+ 22.9	+ 43.4	71.5	85.8	71.8	+ 43.4	22.6
5.5	+ 23.3	+ 44.2	72.3	+ 86.5	+ 72.5	+ 44.2	+ 23.2
3.5	+ 21.6	+ 41.4	68.5	82.4	68.5	+ 41.3	+ 21.6
1.5	+ 18.4	+ 33.8	+ 54.6	+ 64.7	54.5	33.8	18.4
	1.0	-	5.0		9.0		13.0
		3.0		7.0 X-AXIS		11.0	

.

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:44 11-Mar-95 PROJECT: 60-060 AREA: ROOM 6-N GRID: Ceiling values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

Carlottin Line

+ MIN=0.32 MAX=63.3 AUE=33.2 AUE_MIN= 100.68 MAX_MIN= 192.32

FP <2> = T10620 METALOPTICS 24EKS042EP11, (2) F032/35K, LLF= 0.69

Y-AXIS

0.32	+ 4.4	17.3	17.3	16.5	14.2
22.3	28.6	32.1	32.9	30.2	25.1
34.9	5.	52.1	53.1	4.6	40.0
+ 40.9	5 th 9 3 19	62.0 52.1	63.3	287	1 47.5
4.7	+5.4	51.9	53.0 63.3	48.6	+ 40.1
22.2	28.5	32.1	32.9	30.2	25.2
+ 12.8	ن د ب	+ 17.6	17.9	16.6	14.2
	٠ د.	7.5	សួ	3.5	1.5

1.0 5.0 9.0 13.0 3.0 x-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 16:44 25-Jan-95 PROJECT: 60-060 AREA: STORAGE GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

1.33 MAX/MIN= AUE/MIN= AUE=27.7 MAX=35.8 + MIN=20.8

1.72

A! <!> = K9604 COLUMBIA WCW240-A, <2> F40CW, LLF= 0.68

Y-AXIS

7.0 5.0 X-AXIS 3.0 1:0

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:46 11-Mar-95 PROJECT: 60-060 AREA: STORAGE-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

AUE,MIN= 1.33 MAX,MIN= 1.72 AUE=24.7 MAX=31.9 + MIN=18.6

W2 <1> = KS604 COLUMBIA WCW240-A, (2) F032/35K, LLF= 0.66

A CONTRACTOR

Y-AXIS

1.0 5.0 7.0 3.0 X-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 16:49 25-Jan-95 PROJECT: 60-060 AREA: ROOM 3 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=16.6 MAX=87.3 AUE=58.0 AUE/MIN= 3.50 MAX/MIN= 5.27

 $F \langle 4 \rangle = 9753$ COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

1754 李春季

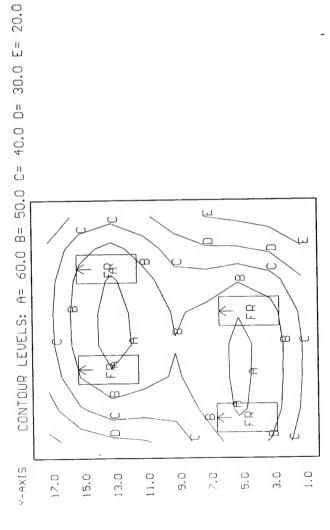
17.0	+ 22.9	+ 34.9	+ 45.0	+ 49.1	+ 49.8	+ 48.7	+ 42.8	+ 31.3
15.0	+ 30.8	+ 51.8	70.1	74.9	+ 74.8	74.6	64.6	+ 43.6
13.0	+ 36.0	60.7	+F 82.6	+ 87.3	+ 85.9	+ F 86.0	+ 73.8	+ 48.7
11.0	+ 37.9	58.1	74.3	+ 78.1	+ 76.4	74.0	+ 62.6	+ 42.4
9.0	+ 45.4	+ 58.4	+ 65.8	+ 67.5	+ 65.7	+ 59.3	+ 46.5	31.6
7.0	62.0	+ 72.5	+ 73.5	+ 73.8	72.1	59.9	+ 40.6	25.1
5.0	74.6	86.2	+ 83.9	+ 84.3	83.6	+ 66.4	+ 40.9	+ 22.8
3.0	67.7	+) 77.6	+ 76.2	+ 76.8	+ 76.2	60.3	+ 36.7	+ 20.2
1.0	+ 47.3	+ 52.9	+ 53.2	+ 53.6	52.2	+ 41.9	+ 27.0	16.6
	1.0	3.0	5.0		0.e 21XI	11.0	13.0	15.0

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:48 11-Mar-95 PROJECT: 60-060 AREA: ROOM 3-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 6.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

4.92 3.29 MAX/MIN= AUE/MIN= AUE=42.7 MAX=63.9 + MIN=13.0

FR <4> = T10620 METALOPTICS 24EKS042EP11, (2) F032/35K, LLF= 0.69

27.27.14.14.24.



1420

1.0 5.0 9.0 13.0 15.0 x-AXIS

4. 6. 15. 15.

16:55 25-Jan-95 Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 USI's LITE*PRO U2.27E Point-By-Point Numeric Output PROJECT; 60-060 AREA: OPEN AREA 1 GRID: Ceiling Computed in accordance with IES recommendations

en programme en

4.51 3.21 MAX/MIN= AUE/MIN= AUE=59.4 MAX=83.6 MIN=18.5

7 <9> = 9753 COLUMBIA 4PS2*-87-244, <4> F40CW, LLF= 0.68

S1X4-7

44.1 57.1 62.5 65.7 70.0 68.4 61.9 61.9 68.2 68.3 62.0 61.3 67.7 67.2 60.2 59.2 63.6 59.3 43.4 27.0 57. 7 76.2 25.1 45.9 59.0 54.4 49.9 49.7 53.1 53.1 49.6 49.3 52.6 52.1 48.0 47.0 48.7 45.0 34.5 23.5 56.3 74.5 75.7 68.4 64.1 59.9 54.5 54.3 58.7 58.7 54.2 54.0 58.2 57.8 52.6 51.6 54.3 50.4 37.9 24.7 18.5 22.7 30.9 44.9 58.2 60.7 55.8 56.6 63.1 63.3 57.1 56.9 62.8 62.1 55.0 54.2 58.9 55.2 40.4 25.1 1.5 3.5 5.5 . 5.5 13.5 . i. ഗ ഗ

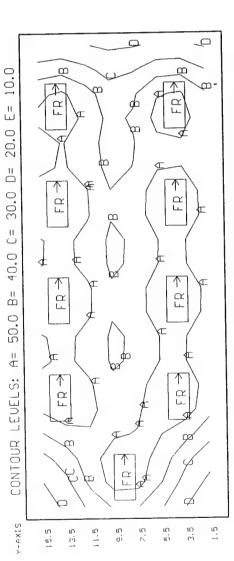
某些心脏的

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:50 11-Mar-95 PROJECT: 60-060 AREA: OPEN AREA 1-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

4.10 3.03 MAX/MIN= AUE/MIN= AUE=43.8 MAX=59.4 + MIN=14.5

rp <9> = T10620 METALOPTICS 24EKS042EP11, (2) F032/35K, LLF= 0.69

· 阿拉克斯斯



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 17:00 25-Jan-95 PROJECT: 60-060 AREA: ROOM 2 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=12.1 MAX=90.2 AUE=56.6 AUE/MIN= 4.67 MAX/MIN= 7.44

F (3) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

Y-AXIS 17.0 65.1 51. 15.0 69.2 51.9 13.0 84.8 11.0 9.0 69.6 80.8 79.7 7.0 5.0 71.8 54.0 3.0 48.0 50.2 1.0 26.4 8.5 0.5 4.5 10.5 2.5 6.5 X-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:52 11-Mar-95 PROJECT: 60-060 AREA: ROOM 2-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

18,48,550,00

COMPLEX

+ MIN=9.55 MAX=64.8 AUE=41.7 AUE/MIN= 4.37 MAX/MIN= 6.78

FR (3) = T10620 METALOPTICS 24EKS042EP11, (2) F032/35K, LLF= 0.69

CONTOUR LEVELS: A= 60.0 B= 50.0 C= 40.0 D= 30.0 E= 20.0 Y-AXIS 17.0 FR 15.0 13.0 11.0 9.0 7.0 FR 5.0 3.0 1.0 8.5 0.5 4.5 10.5 6.5 2.5 X-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 17:22 25-Jan-95 PROJECT: 60-060 AREA: ROOM 1 GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=35.1 MAX=75.9 AUE=56.6 AUE/MIN= 1.61 MAX/MIN= 2.16

F (4) = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

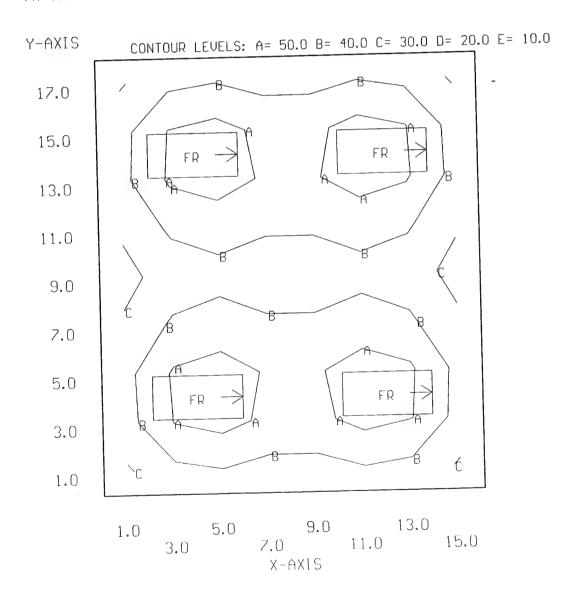
17.0	+ 38.7	+ 50.7	+ 53.4	+ 49.0	49.0	+ 53.4	+ 50.7	38.7
15.0	+ 51.1	71.0 _F	74.7	+ 66.3	66.3	74.7 _F	71.0	51.1
13.0	+ 51.5	72.0	75.9	+ 67.6	+ 67.6	75.9	72.0	+ 51.5
11.0	+ 41.6	+ 55.1	+ 58.6	+ 54.4	+ 54.4	+ 58.6	+ 55.1	41.6
9.0	+ 35.1	+44.8	+ 47.7	45.5	+ 45.5	+ 47.7	+ 44.8	35.1
7.0	+ 41.6	+ 55.1	+ 58.6	+ 54.4	+ 54.4	+ 58.6	+ 55.1	+ 41.6
5.0	51.5	72.0	75.9	+ 67.6	+ 67.6	75.9	72.0	+ 51.5
3.0	51.1	71.0	74.7	+ 66.3	+ 66.3	74.7	71.0	51.1
1.0	+ 38.7	50.7	+ 53.4	+ 49.0	+ 49.0	+ 53.4	+ 50.7	+ 38.7
-	1.0	3.()	5.0	7.0	9.0	11.0	13.0	15.0
					AXIS			

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:54 11-Mar-95 PROJECT: 60-060 AREA: ROOM 1-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

5450 J.J.S.

+ MIN=27.1 MAX=54.4 AUE=41.6 AUE/MIN= 1.53 MAX/MIN= 2.01

FR (4) = T10620 METALOPTICS 24EKS042EP11, (2) F032/35K, LLF= 0.69



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 17:30 25-Jan-95 PROJECT: 60-060 AREA: ENTRANCE HALL GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

3.50 MAX/MIN= 6.61 AUE/MIN= AUE = 21.1 MAX = 39.9+ MIN=6.04

A1 (1) = K9604 COLUMBIA WCW240-A, (2) F40CW, LLF= 0.68 Y1 (1) = B1999A PRESCOLITE 1222-262, (1) 60A19/IF, LLF= 0.81

17.0 23.1 15.0 30. At 13.0 35. 35.9 39.9 11.0 33.5 30.3 81.0 9.0 22.5 20. 7.0 16.5 5.0 3.0

Y-AXIS

1.0

Same of the same of the

4.5 0.5 2.5 X-AXIS

9.91

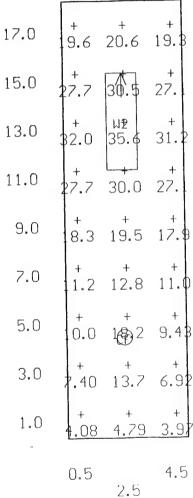
USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:56 11-Mar-95 PROJECT: 60-060 AREA: ENTRANCE HALL-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=3.97 MAX=35.6 AUE=18.4 AUE/MIN= 4.64 MAX/MIN= 8.95

CF (1) = B2125A PRESCOLITE CF122518-B462, (1) F18DTT/27K, LLF= 0.50 W2 (1) = K9604 COLUMBIA WCW240-A, (2) F032/35K, LLF= 0.66

Y-AXIS

1994



X-AXIS

Bldg 60-070 Summary

	Total	Watts	210	220	1,020	3,363				4,813
int System	Number	Fixtures	2	1	17	22				77
Replacement System	Watts/	Fixture	105	220	09	29				
	Fixture	Type	ည	83	81	J8				Totals
				_	1	1	_	1	т —	
	Total	Watts	1,038	492	6,816					8,346
tem	Number	Fixtures	က	2	71					92
Present System	Watts/	Fixture	346	246	96					
	ixture	Type	2	CZ	-					Totals

V Comment

60-070 Schedule

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 60-070 Type: Indoor

Luminaire Fixture Schedule PRESENT

Project name: PBA Lighting Survey - Bldg 60-070

Setting to

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 25-Jan-95

UPD: 1.7W/Sq.Ft

-		DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS
	TYPE	DESCRIPTION				
	C	8'4L APER.PORCELAIN INDUSTRIAL OPEN BOTTOM- NO SHIELDING COLUMBIA KP496	F96T12/CW STD	000 - 346 	/ 3	
	2	8'4L APER.PORCELAIN INDUSTRIAL OPEN BOTTOM- NO SHIELDING COLUMBIA KP496	F96T12/CW/WM ESB	000 - 246 	\	
	J	7"X4' 2L WET LOCATION WRAP LENS- PRISMATIC BOTTOM & SIDES COLUMBIA LUN240-WL	F40CW STD	96	71	
		· # = = = 4				

NOTES:

60-070 Schedule

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 60-070 Type: Indoor

Luminaire Fixture Schedule / PROPOSED

Project name: PBA Lighting Survey - Bldg 60-070

· ACAMANAMAS

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 12-Mar-95 UPD: 1.0W/Sq.Ft

V/W |QTY | REMARKS LAMP/BALLAST DESCRIPTION TYPE ____ 000 FO96/735 1X8 2L APERTURED INDUSTRIAL C1 STD OPEN - NO SHIELDING 105 COLUMBIA KP296 ____] . 1 000 8'4L APER.PORCELAIN INDUSTRIAL FO96/735 EOCT OPEN BOTTOM- NO SHIELDING 220 COLUMBIA KP496 ____ 17 000 FO32/35K 1X4 2L SOLID REFL.INDUSTRIAL 18 EOCT OPEN- NO SHIELDING 60 COLUMBIA CSR240-PAF-EOCT 57 000 8"X4' 2L DAMP LOCATION WRAP FO32/35K J8 LENS- PRISMATIC BOTTOM & SIDES EOCT 59 COLUMBIA LUN240-DMR

NOTES:

60-070 Areas

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Area Summary
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 60-070 Type: Indoor

Project Area Summary

Project name: PBA Lighting Survey - Bldg 60-070

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 12-Mar-95 UPD: 1.3W/Sq.Ft

AREA NAME	DIMENSIONS	LUM	INAIRES	W/SQ.FT	QTY
COTTON STORAGE	15x19x13Ft	(2)	Type C Type J	3.8	1
COTTON STORN	15x19x13Ft	(6)	Type I8	1.3	1
FFICE	8x18x13Ft	(2)	Type J	1.3	2
	8x18x13Ft	(3)	Type I8	1.3	2
SHOWER AREAS	9x12x8Ft	(2)	Туре Ј	1.8	2
SHOWER AREAS-N	9x12x8Ft	(2)	Туре Ј8	1.1	2
MEN'S LOCKER	9x19x13Ft	(2)	Туре Ј	1.1	1
MEN'S LOCKER-N	9x19x13Ft	(2)	Type I8	0.7	1
HALLWAY	27x8x13Ft	(2)	Type J	0.9	1
HALLWAY-N	27x8x13Ft	(2)	Type I8	0.6	1
MENS RESTROOM	8x10x8Ft	(2)	Type J	2.5]
MENS RESTROOM-N	8x10x8Ft	(1)	Type I8	0.8]
REPAIR STA	72x36x13Ft	(1) (2) (51)	Type C Type C2 Type J	2.2	1
REPAIR STA-N	72x36x13Ft	(2) (1) (51)	Type C1 Type C8 Type J8	1.3	
CONTROL ROOM		(2)	Type J	0.2	
CONTROL ROOM-N	40x28x8Ft	(2)	Type J8	0.1	

60-070 Calculations

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

(MANAGE)

Project Calculation Summary
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 60-070 Type: Indoor

Project Calculation Summary

Project name: PBA Lighting Survey - Bldg 60-070

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 12-Mar-95 UPD: 1.3W/Sq.Ft

AREA NAME	DIMENSIONS	GRID NAME	Α'	VE	MAX	MIN
COTTON STORAGE	 15x19x13Ft	Ceiling	<+>	101.3	164.7	52.4
COTTON STORN	15x19x13Ft	Ceiling	<+>	47.3	55.8	33.0
OFFICE	8x18x13Ft	Ceiling	<+>	12.3	14.5	9.5
	8x18x13Ft	Ceiling	<+>	37.4	43.9	29.8
SHOWER AREAS	9x12x8Ft	Ceiling	<+>	26.9	39.1	16.1
SHOWER AREAS-N	9x12x8Ft	Ceiling	<+>	24.0	34.9	14.4
MEN'S LOCKER	9x19x13Ft	Ceiling	<+>	12.1	14.2	9.4
MEN'S LOCKER-N	9x19x13Ft	Ceiling	<+>	25.3	30.8	17.4
HALLWAY	27x8x13Ft	Ceiling	<+>	7.6	14.8	0.1
HALLWAY-N	27x8x13Ft	Ceiling	<+>	11.9	22.9	0.1
MENS RESTROOM	8x10x8Ft	Ceiling	<+>	30.9	39.4	18.1
MENS RESTROOM-N	8x10x8Ft	Ceiling	<+>	24.6	35.0	12.4
REPAIR STA	72x36x13Ft	Ceiling	<+>	36.5	206.1	0.0
REPAIR STA-N	72x36x13Ft	Ceiling	<+>	29.2	106.9	0.0
CONTROL ROOM	40x28x8Ft	Ceiling	<+>	4.1	20.4	1.1
CONTROL ROOM-N	40x28x8Ft	Ceiling	<+>	3.7	18.2	1.0

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:47 24-Jan-95 PROJECT: 60-070 AREA: COTTON STORAGE GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=52.4 MAX=165. AUE=101. AUE/MIN= 1.93 MAX/MIN= 3.15

C $\langle 2 \rangle$ = K7983M COLUMBIA KP496, (4) F96T12/CW, LLF= 0.67 J $\langle 4 \rangle$ = K9801X COLUMBIA LUN240-WL, (2) F40CW, LLF= 0.68

Y-AXIS

A STANFORM

17.5	54.0 73.0 97.8 10. 97.6 77.6 53.5
15.5	+ + + + + + + + + + + + + + + + + + +
13.5	+ + + 0 + + + + 68.9 98.7 137. 56. 136. 98.3 68.4
11.5	+ + + + + + + + + + + + + + + + + + +
9.5	72.6 105. 145. 65. 144. 104. 71.9
7.5	71.7 103. 143. 63. 142. 103. 70.9
5.5	+ + + + + + + +
3.5	62.0 87.6 120. 36. 119. 86.7 61.1
1.5	53.1 71.5 95.2 107. 94.6 70.6 52.4

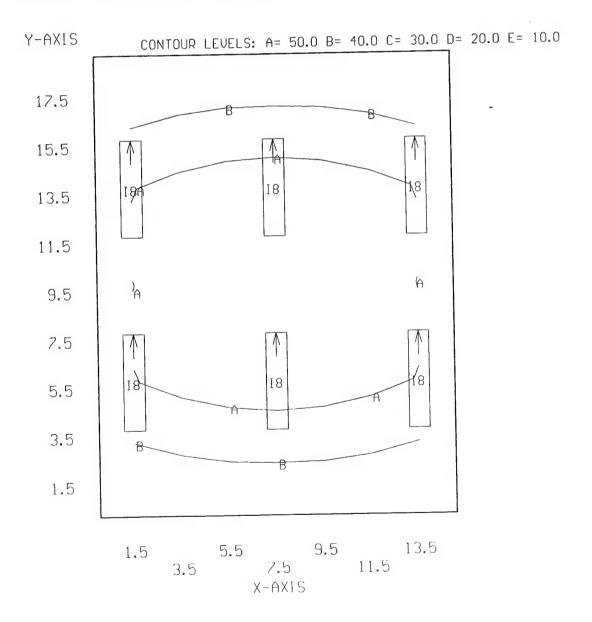
USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:35 12-Mar-95 PROJECT: 60-070 AREA: COTTON STOR.-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

建物的发展情况

 $(\delta_{i+1},(\lambda,p_i)) = (\lambda,p_i)$

+ MIN=33.0 MAX=55.8 AUE=47.3 AUE/MIN= 1.43 MAX/MIN= 1.69

I8 $\langle 6 \rangle$ = 10331 COLUMBIA CSR240-PAF-EOCT, (2) F032/35K, LLF= 0.66



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:59 24-Jan-95 PROJECT: 60-070 AREA: OFFICE GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

SHIPPING .

+ MIN=9.54 MAX=14.5 AUE=12.3 AUE/MIN= 1.29 MAX/MIN= 1.52

J $\langle 4 \rangle$ = K9801X COLUMBIA LUN240-WL, (2) F40CW, LLF= 0.68

V	_	Δ	V	T	\subset
Υ	_	М	Λ	1	. ``

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17.0	+ 9.54	10.2	10.2	9.54
15.0	11.2	12.1	12.1	+ 11.2
13.0	12.5	+ J	13.6	+ 12.5
11.0	+ 13.2	14.3	14.3	13.2
9.0	13.4	+ 14.5	+ 14.5	13.4
7.0	13.2	14.3	14.3	13.2
5.0	12.5	+ J	13.6	12.5
3.0	11.2	12.1	12.1	11.2
1.0	+ 9.54	10.2	10.2	9.54

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 13:38 12-Mar-95 PROJECT: 60-070 AREA: OFFICÉ-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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1.48 AUE/MIN= 1.26 MAX/MIN= AUE=37.4 MAX = 43.9+ MIN = 29.8

 $18 \ \langle 6 \rangle = 10331$ COLUMBIA CSR240-PAF-EOCT, (2) F032/35K, LLF= 0.66

Y-AXIS 17.0 29.8 33.1 18 15.0 38.8 38.8 34.0 34.0 13.0 36.7 41.4 41.4 36.7 11.0 38.2 #3.0 18 9.0 #3.9 38.8 38.8 43.9 7.0 38.2 43.0 43.0 38.2 5.0 36.7 #1.4 + + 18 3.0 38.8 34.0 38.8 +1.0 29.8 29.8 5.0 1.0

2.0 3.0 X-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:05 24-Jan-95 PROJECT: 60-070 AREA: SHOWER AREAS GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=16.1 MAX=39.1 AUE=26.9 AUE/MIN= 1.67 MAX/MIN= 2.43

J $\langle 4 \rangle$ = K9801X COLUMBIA LUN240-WL, (2) F40CW, LLF= 0.68

Y-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:46 12-Mar-95 PROJECT: 60-070 AREA: SHOWER AREAS-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=14.4 MAX=34.9 AUE=24.0 AUE/MIN= 1.67 MAX/MIN= 2.43

J8 $\langle 4 \rangle$ = K9801 COLUMBIA LUN240-DMR, (2) F032/35K, LLF= 0.66

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:25 24-Jan-95 PROJECT: 60-070 AREA: MEN'S LOCKER GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

The Second

+ MIN=9.45 MAX=14.2 AUE=12.1 AUE/MIN= 1.28 MAX/MIN= 1.50

 $J \langle 2 \rangle$ = K9801X COLUMBIA LUN240-WL, (2) F40CW, LLF= 0.68

17.5	+ + + + + 9.92 10.8 10.8 9.85
15.5	11.2 12.3 12.3 11.1
13.5	12.1 13.4 13.3 12.0
11.5	+ + + + + 12.7 14.0 14.0 12.6
9.5	+ + + + + 12.9 14.2 14.1 12.8
7.5	12.6 13.9 13.8 12.5
5.5	+ + J +> + 11.9 13.1 13.0 11.8
3.5	10.8 11.9 11.9 10.7
1.5	9.51 10.3 10.3 9.45

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:48 12-Mar-95 PROJECT: 60-070 AREA: MEN'S LOCKER-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0F1, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=17.4 MAX=30.8 AUE=25.3 AUE/MIN= 1.45 MAX/MIN= 1.77

 $18 \langle 2 \rangle = 10331$ COLUMBIA CSR240-PAF-EOCT, (2) F032/35K, LLF= 0.66

17.5	+ + + + + 19.1 21.8 21.6 18.8
15.5	23.1 27.5 27.3 22.7
13.5	+ <u>18</u> + 25.7 30.7 30.5 25.2
11.5	26.1 30.7 30.5 25.7
9.5	+ + + + + 25.9 29.9 29.7 25.4
7.5	+ + + + + 26.1 30.8 30.6 25.7
5.5	+ + 18 +> + 25.1 30.2 30.0 24.6
3.5	+ + + + + 21.9 26.0 25.8 21.5
1.5	+ + + + + 17.7 20.0 19.9 17.4

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USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:42 24-Jan-95 PROJECT: 60-070 AREA: HALLWAY GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (V), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

· White

AUE.MIN= 125.41 MAX.MIN= 244.63 AUE=7.60 MAX=14.8 90.0=NIM +

J <2> = K88C1X COLUMBIA LUN240-WL, (2) F40CW, LLF= 0.68

7.0 2.03 2.42 3.17 0.75 0.06 0.06 0.06 0.06 0.08 0.11 0.11 0.11 0.10 0.10 0.11 2.11 2.99 4.19 5.88 8.95 11.2 12.6 13.3 13.4 13.2 12.6 11.2 9.15 3.0 2.19 3.14 4.52 6.61 9.45 12.0 13.7 14.4 14.6 14.4 14.6 14.4 14.6 14.4 14.6 14.4 14.6 14.4 14.6 14.4 15.2 10.3 1.0 1.0 0.3 3.18 4.46 6.38 3.80 12.5 14.0 14.6 14.8 14.6 14.0 12.6 10.9

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1.5 5.5 5.5 9.5 13.5 15.5 21.5 25.5 x-8x1S x-8x1S

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USI's LITE*PRO U2.27E Point-By-Point Numeric Output 13:51 12-Mar-95 PROJECT: 60-070 AREA: HALLWAY-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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AUE.MIN= 123.48 MAX.MIN= 238.47 AUE=11.9 MAX=22.9 + MIN=0.09

18 <2> = 10331 COLUMBIA CSR240-PAF-EOCT, <2> F032/35K, LLF= 0.66

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:51 24-Jan-95 PROJECT: 60-070 AREA: MENS RESTROOM GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=18.1 MAX=39.4 AUE=30.9 AUE/MIN= 1.70 MAX/MIN= 2.17

J $\langle 2 \rangle$ = K9801X COLUMBIA LUN240-WL, $\langle 2 \rangle$ F40CW, LLF= 0.68

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 13:54 12-Mar-95 PROJECT: 60-070 AREA: MENS RESTROOM-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

2.82 1.98 MAX/MIN= AUE/MIN= AUE=24.6 MAX=35.0 + MIN = 12.4

I8 <1> = 10331 COLUMBIA CSR240-PAF-EOCT, (2) F032/35K, LLF= 0.66

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26.9 20.9 12.4 35.0₁₈35.0 25.0 14,3 25.0 14.3 27.6 4 26.9 20.9 22.6 12.4 Y-AXIS 1,5 ы П 9. 51 7.5 ري دي

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il.

1.0 5.0 7.0 3.0 X-AXIS

18:00 24-Jan-95 ∪alues are FC, SCALE: 1 IN= 12.0FT, HORZ GRID (Ú), HORZ CALC, Z≕ USI's LITE*PRO U2.27E Point-By-Point Numeric Output PROJECT: 60-070 AREA: REPAIR STA GRID: Ceiling Computed in accordance with IES recommendations

+ MIN=0.00 MAX=206. AUE=36.5 AUE/MIN=N/A MAX/MIN=N/A

C <1> = K7983M COLUMBIA KP496, (4) F96T12/CW, LLF= 0.67 C2 <2> = K7983M COLUMBIA KP496, (4) F96T12/CW/WM, LLF= 0.69 J <51> = K9801X COLUMBIA LUN240-WL, (2) 740CW, LLF= 0.68

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69.0 20. 58.3 37.2 29.7 27.1 25.4 24.9 24.3 24.1 23.6 24.1 24.6 24.6 22.6 0.00 1.2 36.4 31.2 27.7 26.2 25.1 24.9 24.6 25.0 25.6 27.4 32.3 40.8 U52.3 68.8 U67 8 34.9 28.9 27.8 32.1 \$1.5 33.0 45.4 \$158.2 69.3 \$172\$ 31.8 13.2 31.1 28.1 21.8 24.3 21.3 23.0 21.8 23.2 21.0 28.2 35.5 146.9 159.9 171.9 1173. 0.00 17.9 17.6 16.3 15.2 0.00 51.3 35.5 21.2 25.6 21.1 23.6 21.0 22.8 21.2 22.0 22.1 21.9 20.1 61.0 57.0 53.0 49.0 8.3 42.0 31.9 44.6 37.2 37.2 44.9 32.8 44.7 36.3 34.5 39.5 45.0 41.0 18. 37.0 33.0 29.0 25.0 21.0 5 32.2 24.5 34.0 28. 54.4 40.9 1.0 0.1 0.0 Y-AXIS 13.0 25.0 21.0 17.0 О б 33.0 29.0

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2,5 14:09 12-Mar-95 Values are FC, SCALE: 1 IN= 12.0FT, HORZ GRID (V), HORZ CALC, USI's LITE*PRO U2.27E Point-By-Point Numeric Output PROJECT: 60-070 AREA: REPAIR STA-N GRID: Ceiling Computed in accordance with IES recommendations

+ MIN=0.00 MAX=107. AUE=29.2 AUE>MIN=N/A MAX/MIN=N/A

C1 <2> = 10242 COLUMBIA KP296, (2) F096/735, LLF= 0.66 C8 <1> = K7983M COLUMBIA KP496, (4) F096/735, LLF= 0.66 J8 <51> = K9801 COLUMBIA LUN240-DMR, (2) F032/35K, LLF= 0.66

0.00 69.0 4, 6 30.5 25.7 23.8 22.5 22.1 21.5 21.4 21.0 21.5 21.9 21.9 20.1 0.bo 0.00 3 m.8 29.3 2 m.8 24.3 2 m.2 23.0 2 m.7 22.9 2 m.7 23.3 25.1 27.2 12.5 0. bo 0.00 19.5 19.78 19.5 18.78 0.00 65.0 31.0 27.0 24.3 23.1 22.2 22.1 21.8 22.3 22.8 24.4 28.8 36.4 U46.6 61.2 61.0 57.0 53.0 6.0 24.3 16.0 49.0 28.7 2183 22.4 2183 20.9 2184 20.2 11887 39.7 33.1 33.2 40.0 29.2 39.9 32.4 30.8 35.3 45.0 4 25.6 30.9 23.0 31.1 25.8 24.8 28.6 16.6 16.1 41.0 37.0 X-AXIS 18.4 17.5 17.3 16.7 33.0 29.0 25.0 21.0 17.0 13.0 5.2 37.4 28.4 ი ი 5.0 8 1.0 1.0 Y-AXIS 5.0 33.0 13.0 9.0 25.0 21.0 17.0 29.0

2.5 14:41 25-Jan-95 =2 Jailes are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, USI's LITE*PRO U2.27E POINT-By-Point Numeric Output DROJECT: 60-070 AREA: CONTROL ROOM GRID: Ceiling Somputed in accordance with IES recommendations

8

3.64 MAX/MIN= AUE/MIN= AUE=4.15 MAX=20.4 MIN=1.14

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J <2> = K9801X COLUMBIA LUN240-WL, (2) F40CW, LLF= 0.68

1.68 1.67 1.68 1.67 1.65 1.67 1.65 1.63 1.61 1.63 1.72 1.87 2.05 2.20 2.26 2.19 2.02 1.80 1.59 1.42 4.23 6.81 12.1 18.8 2D.2 14.8 8.44 4.96 3.41 2.94 3.37 5.16 9.45 16.3 20.4 17.0 9.99 5.16 2.89 1.90 3.20 4.35 6.05 7.63 7.91 6.72 4.92 3.53 2.77 2.55 2.85 3.79 5.43 7.34 8.30 7.46 5.50 3.67 2.46 1.79 2.5+ 3.56 3.63 4.09 4.13 3.82 3.24 2.67 2.30 2.21 2.42 2.9° 3.70 4.46 4.81 4.47 3.67 2.79 2.11 1.66 2.03 2.58 2.35 2.44 2.42 2.37 2.20 2.03 1.50 1.88 2.02 2.29 2.65 2.98 3.11 2.96 2.61 2.18 1.80 1.53 4.08 6.53 11.4 17.2 18.4 13.8 8.03 4.81 3.35 2.91 3.34 5.08 9.14 15.5 19.4 16.2 9.64 5.07 2.87 1.90 3.85 5.85 9.54 13.7 14.5 11.3 7.01 4.43 3.20 2.83 3.21 4.65 7.76 12.2 14.8 12.6 8.10 4.59 2.76 1.89 3.54 5.22 8.06 11.1 11.6 9.33 6.16 4.07 3.03 2.73 3.10 4.41 7.05 10.7 12.7 11.0 7.29 4.33 2.66 1.85 1.79 1.88 1.97 2.01 1.99 1.99 1.90 1.80 1.73 1.74 1.87 2.10 2.40 2.66 2.76 2.64 2.36 2.00 1.69 1.46 2,23 2.59 2.96 3.22 3.24 3.07 2.72 2.35 2.10 2.05 2.25 2.68 3.30 3.89 4.15 3.89 3.26 2.55 1.98 1.59 2.54 3.72 4.88 5.87 6.02 5.29 4.15 3.14 2.56 2.40 2.69 3.50 4.82 6.28 6.99 6.35 4.85 3.38 2.34 1.73 1.26 1.20 1.18 1.15 1.14 1.17 1.22 1.29 1.32 1.36 1.49 1.49 1.58 1.66 1.69 1.66 1.59 1.49 1.39 1.30 1.48 1.45 1.45 1.42 1.42 1.45 1.45 1.45 1.47 1.51 1.59 1.72 1.87 2.00 2.05 1.99 1.85 1.67 1.50 1.35 19.0 11.0 0 1/2 21.0 15.0 13.0 0 c) 0 23.0 27.0 25.0 Y-AXIS

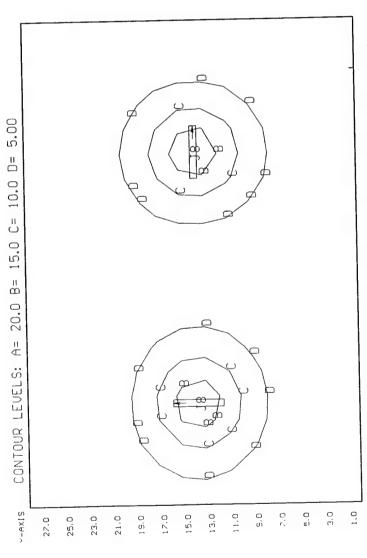
ALCONO.

1.0 5.0 5.0 9.0 13.0 17.0 21.0 25.0 29.0 31.0 35.0 39.0 39.0 x-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:12 12-Mar-95 PROJECT: 60-070 AREA: CONTROL ROOM-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations 3.64 MAX/MIN= 17.91 AUE/MIN= AUE=3,70 MAX=18.2 + MIN=1.02

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J8 <2> = K9801 COLUMBIA LUN240-DMR, <2> F032/35K, LLF= 0.66



1.0 5.0 5.0 33.0 33.0 37.0 31.0 23.0 27.0 31.0 35.0 39.0 $\times -40.15$

Bldg 60-090 Summary

1			ما	m	0	7	\neg		_	7
Replacement System	Total	Watts	102	89	099	1,037				1,867
	Number	Fixtures	3	2	11	17				33
	Watts/	Fixture	34	34	09	61				
	Fixture	Type	C4	CF	81	H				Totals
Present System	Total	Watts	5,568	360	120					6,048
	Number	Fixtures	29	က	2					34
	Watts/	Fixture	192	120	09					
	Fixture	Type	M3	X	λZ					Totals

60-090 Schedule

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 60-090 Type: Indoor

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Luminaire Fixture Schedule PRESENT

Project name: PBA Lighting Survey - Bldg 60-090

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 26-Jan-95 UPD: 3.3W/Sq.Ft

					DELLE
TYPE	DESCRIPTION	LAMP/BALLAST	V/W	YTQ	REMARKS
	9"X4' 4L SURFACE TURRET STRIP EGGCRATE LOUVERS COLUMBIA K440-T	F40CW STD	000 - 192	29	
ZX	8" RECESSED SQUARE DOWNLIGHT LENS- PRISMATIC PRESCOLITE 488HF-1	120ER40 NA	000 - 120	3	
ZY	8" RECESSED SQUARE DOWNLIGHT LENS- PRISMATIC PRESCOLITE 488HF-1	60A19/IF NA	000 - 60	2	

60-090 Schedule

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 60-090 Type: Indoor

Luminaire Fixture Schedule / PROPSED

Project name: PBA Lighting Survey - Bldg 60-090

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 12-Mar-95 UPD: 1.0W/Sq.Ft

1:	rype	DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS
	C4	8"1L(VERT)RECESS ROUND DOWNLTE OPEN- CLEAR ALZAK REFLECTOR PRESCOLITE CF123526-462	F26DTT/27K STD	000 - 34	3	
	CF	6" 2L RECESSED ROUND DOWNLIGHT OPEN- CLEAR ALZAK W/ BL.BAFFLE PRESCOLITE PBX-TB94	F13DTT/27K STD	000 - 34 	2	
	18	1X4 2L SOLID REFL. INDUSTRIAL EGGCRATE LOUVERS COLUMBIA KL240-PAF-EOCT-SOLID	FO32/35K EOCT	000 - 60	11	
	IR	4' INDUSTRIAL/EGGCRATE LOUVERS SILVER SPREAD BEAM REFLECTOR METALOPTICS ISS04SSWWS042EP11	FO32/35K EOCT	000 - 61	17	

60-090 Areas

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Area Summary Generated by LitePro V2.27E Provided and supported by USI Lighting, Inc. Filename: 60-090 Type: Indoor

Project Area Summary

Project name: PBA Lighting Survey - Bldg 60-090

Prepared for: Corps of Engineers Prepared by: C. Warren

|Project #6941331 Date: 12-Mar-95 UPD: 2.1W/Sq.Ft

AREA NAME	DIMENSIONS	LUI	MINAIRES	W/SQ.FT	QTY
MAIN/OFFICE1	29x23x11Ft	(12)	Туре М3	3.5	1
MAIN/OFFICE1-N	29x23x11Ft	(12)	Type IR	1.1	1
OFFICE 2	20x10x11Ft	(3)	Type M3	2.9	1
FICE 2-N	20x10x11Ft	(3)	Type IR	0.9	1
OFFICE 3	14x10x11Ft	(2)	Type M3	2.7	1
OFFICE 3-N	14x10x11Ft	(2)	Type IR	0.9	1
FILE STORAGE	28x14x11Ft	(7)	Type M3	3.4	1
FILE STORAGE-N	28x14x11Ft	(7)	Type I8	1.1	1
KITCHEN	10x12x11Ft	(2)	Type M3	3.2	1
KITCHEN-N	10x12x11Ft	(2)	Type 18	1.0	1
HALL/ENTRANCE	10x18x11Ft	(3)	Type M3	3.2	1
HALL/ENTRANCE-N	10x18x11Ft	(2)	Type I8	0.7	1
WOMENS TOILET	20x5x11Ft	(2)	Type ZX Type ZY	3.0	1
WOMENS TOILET-N	20x5x11Ft	(2)	Type C4 Type CF	1.0	1
MENS TOILET	9x6x11Ft	(1)	Type ZX Type ZY	3.3	1
MENS TOILET-N	9x6x11Ft	(1)	Type C4 Type CF	1.3	1

60-090 Calculations

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Calculation Summary Generated by LitePro V2.27E Provided and supported by USI Lighting, Inc. Filename: 60-090 Type: Indoor

Project Calculation Summary

Project name: PBA Lighting Survey - Bldg 60-090

CAR STANCE

Prepared for: Corps of Engineers
Prepared by: C. Warren

|Project #6941331 Date: 12-Mar-95 UPD: 2.1W/Sq.Ft

AREA NAME	DIMENSIONS	GRID NAME	ΑV	E	MAX	MIN
MAIN/OFFICE1	29x23x11Ft	Ceiling	<+>	56.2	71.8	26.9
MAIN/OFFICE1-N	29x23x11Ft	Ceiling	<+>	45.8	62.2	23.2
office 2	20x10x11Ft	Ceiling	<+>	48.8	69.8	26.1
FFICE 2-N	20x10x11Ft	Ceiling	<+>	41.2	66.8	18.1
OFFICE 3	14x10x11Ft	Ceiling	<+>	41.5	49.4	32.9
OFFICE 3-N	14x10x11Ft	Ceiling	<+>	35.2	47.6	25.2
FILE STORAGE	28x14x11Ft	Ceiling	<+>	58.9	86.9	0.0
FILE STORAGE-N	28x14x11Ft	Ceiling	<+>	40.1	60.3	0.0
KITCHEN	10x12x11Ft	Ceiling	<+>	47.4	61.2	35.7
KITCHEN-N	10x12x11Ft	Ceiling	<+>	34.5	45.3	25.2
HALL/ENTRANCE	10x18x11Ft	Ceiling	<+>	41.8	75.9	0.0
HALL/ENTRANCE-N	10x18x11Ft	Ceiling	<+>	21.8	37.8	0.0
WOMENS TOILET	20x5x11Ft	Ceiling	<+>	5.2	9.5	2.1
WOMENS TOILET-N	20x5x11Ft	Ceiling	<+>	6.5	13.2	2.4
MENS TOILET	9x6x11Ft	Ceiling	<+>	5.9	8.6	3.6
ENS TOILET-N	9x6x11Ft	Ceiling	<+>	7.4	12.7	4.3

2.5 09:16 26-Jan-95 Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= Computed in accordance with IES recommendations USI's LITE*PRO U2.27E Point-By-Point Numeric Output PROJECT: 60-090 AREA: MAIN/OFFICE1 GRID: Ceiling

2.09 MAX/MIN= AUE/MIN= AUE=56.2 MAX=71.8 + MIN=26.9

2.67

M3 <12> = K8965 COLUMBIA K440-T, (4) F40CW, LLF= 0.51

MINER OF ME

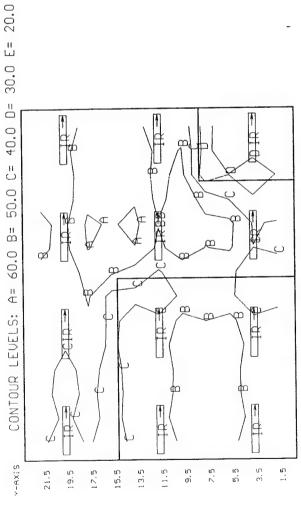
59:9 83.6 61.2 60.8 62.3 58.1 46.8 46.5 55.4 34.7 43.8 34.1 42.0 32.3 50.0 33.2 51.4 52.4 57.3 353.7 59.0 62.2 67.8 38.3 64.9 64.3 65.9 81.8 38.3 41.1 41.5 42.8 44.8 45.1 45.0 42.3 68.7 70.8 69.2 68.0 67.9 63.0 54.0 57.2 55.6 55.0 55.9 52.4 43.6 43.8 63.0 71.8 63.5 68.1 68.7 63.6 61.3 65.5 64.0 63.5 64.4 59.8 49.0 43.5 63.1 67.0 64.1 62.3 58.5 55.3 61.5 65.6 64.0 63.6 64.4 59.7 48.7 48.7 57.9 59.1 47.2 31.6 38.6 38.9 53.8 57.0 55.3 54.8 55.7 52.1 42.6 42.3 48.5 47.2 38.1 32.8 38.9 39.0 46.5 49.5 48.4 49.8 53.5 54.3 58.5 63.6 69.3 70.9 68.3 67.3 68.2 63.5 47.0 50.1 49.0 50.5 54.9 56.6 55.3 57.4 61.2 61.7 58.9 58.1 59.2 55.7 60.6 65.0 64.4 64.0 63.9 59.1 48.9 11.1 59.8 61.9 56.6 26.9 30.9 31.1 ر: ا Y-AXIS 19.5 15.5 13.5 11.5 7.5 ເນ ເນ 21.5 17.5

23.5 19.5 15.5 13.5 ហ ហ 7.5 . .

2.5 USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:06 12-Mar-95 PROJECT: 60-090 AREA: MAIN/OFFICE1-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= Computed in accordance with IES recommendations

STATE OF THE PARTY OF THE PARTY

2.68 1.97 MAX/MIN= AUE/MIN= AUE=45.8 MAX=62.2 + MIN=23.2 IR <12> = T11272 METALOPTICS ISSO4SSWWSO42EP11, (2) F032/35K, LLF= 0.73



1.5 5.5 9.5 13.5 17.5 21.5 25.5 27.5 3.5 7.5 4.5 23.5 27.5 x-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 09:23 26-Jan-95 PROJECT: 60-090 AREA: OFFICE 2 GRID: Ceiling Jalues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=26.1 MAX=69.8 AUE=48.8 AUE>MIN= 1.87 MAX/MIN= 2.0

M3 <3> = K8966 COLUMBIA K440-T, (4) F40CW, LLF= 0.51

一种的种类型

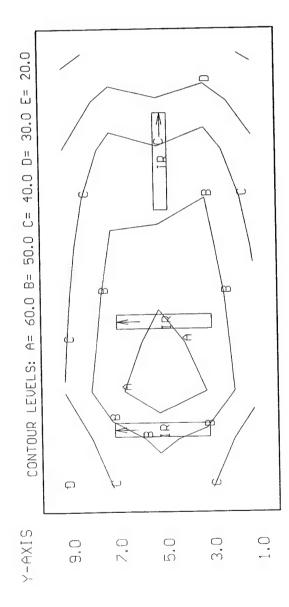
V-AXIS

0.6	+ + 37.0 42.1	+ 2.1	+ 5.7	+ + + + + + + + + + + + + + + + + + +	+ 46.3	+ 5.5	+ 4 8	39.3	33.1	26.1
7.0	+ 6 + 4	+ 46.4	+ 60.9	60.9 61.PM 59.3 56.6 54.4 49.4 39.8	59,3	56.6	+ 45	+ 64.	33.8	+ 50.4
0.0	51.7	51.2	+ 69.1	+ 69 - 83	+ 66.4	+ 62.3	29.8	69.8 ³ 66.4 62.3 59.8 54.3 42.7	42.7	30.6
3.0	47.6	57.0	63.0	+ + + + + + + + + + + + + + + + + + +) + 61.6	+ 80.4	55.8	50.6	+ 40.6	4 + 9.8
1.0	38.5	+4.2	48.2	38.5 44.2 48.2 49.6 48.9 47.6 45.4 40.9 34.2 26.8	48.9	+ 47.6	+ 5 + 4 5 + 4	+ 40.9	34.2	4 26.8

r man spess

1.0 5.0 9.0 13.0 17.0 3.0 7.0 11.0 15.0 19.0 X-AXIS USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:08 12-Mar-95 PROJECT: 60-090 AREA: OFFICE 2-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

3.68 2.27 MAX/MIN= AUE/MIN= AUE=41.2 MAX=66.8 + MIN=18.1 IR <3> = T11272 METALOPTICS ISSO4SSWWSO42EP11, <2> F032/35K, LLF= 0.73



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* W \$15.5

1.0 5.0 9.0 13.0 17.0 19.0 3.0 x-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 09:37 26-Jan-95 PROJECT: 60-090 AREA: FILE STORAGE GRID: Ceiling Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.CO MAX=86.9 AUE=58.9 AUE>MIN=N/A MAX/MIN=N/A

4 48 EX

M3 <7> = K8966 COLUMBIA K440-T, <4> F40CW, LLF= 0.51

13.0

0.30 0.27 0.50 34.9 45.7 51.6 54.5 56.6 57.8 57.1 55.1 53.1 49.5 43.1

11.0

0.36 0.33 0.50 43.2 56.6 64.7 67.0 68.9 70.9 68.7 66.9 65.3 61.0 51.2

9.0

0.37 0.34 0.50 51.6 65.9 74.6 76.1 78.0 80.8 78.3 75.7 74.4 83.5 75.2

7.0

0.32 0.34 0.50 61.7 72.7 79.7 81.5 83.3 85.8 84.4 80.9 73.1 73.5 60.9

5.0

4.0 57.3 63.8 67.4 73.1 76.7 75.7 80.0 86.9 85.6 82.4 80.2 74.3 62.1

3.0

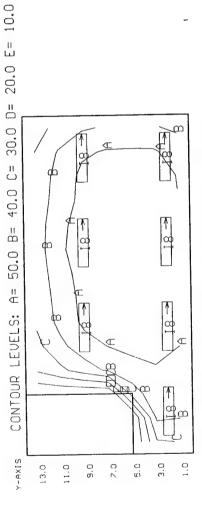
4.0 57.3 63.8 67.4 73.1 76.7 75.7 80.0 78.4 74.9 73.5 65.9

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:12 12-Mar-95 PROJECT: 60-090 AREA: FILE STORAGE-N GRID: Ceiling Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

DESPESSOR

+ MIN=0.00 MAX=60.3 AUE=40.1 AUE/MIN=N/A

= 10417 COLUMBIA KL240-PAF-EOCT-SOLID, (2) F032/35K, LLF= 0.66 18 <7>



WHAP!

1.0 3.0 5.0 9.0 13.0 17.0 21.0 25.0 27.0 x - 4x = 0

 $\mathcal{L} = \mathbb{S}^{2n} \mathbb{S}^{2n+1}_{n+1}$

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 09:29 26-Jan-95 PROJECT: 60-090 AREA: OFFICE 3 GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

AUE=41.5 AUE/MIN= 1.26 MAX/MIN= 1.50 MAX=49.4 - MIN=32.9

M3 <2> = K8966 COLUMBIA K440-T, (4) F40CW, LLF= 0.51

Y-AXIS

Sale Marie

	32.9	37.2	38.3	38.0	38,3	37.2	32.9
0.	39 +	4 4 0 0	4 60 8	+ 4 + 6	+ 2° + 8° + 8° + 8° + 8° + 8° + 8° + 8°	+ 7. 8.	39 +
<u>ن</u> دن	43.0	48.4 49.4	48	+ 46.8	48.8	MB 49.4	43.0
3.0	# m # m	+ 4 8 8	+ 75 + 8	+ 4 + 6	+ 17 8	45. 8	39.8
	32.9	37.2	38.3		+ + 38.0 38.3	37.2	32.9

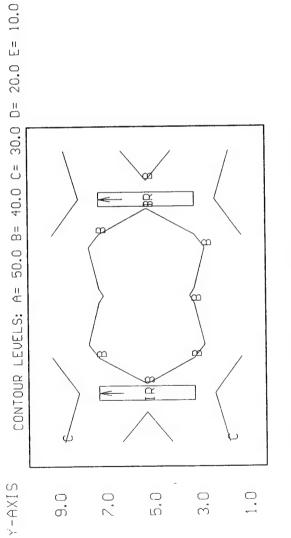
1.0 5.0 9.0 13.0 3.0 7.0 11.0 X-AXIS · 这是一樣小獅中於「随其本一。

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USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:15 12-Mar-95 PROJECT: 60-090 AREA: OFFICE 3-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

1.89 1.40 MAX/MIN= AUE/MIN= AUE=35.2 MAX=47.6 + MIN=25.2 IR <2> = T11272 METALOPTICS ISSO4SSWWS042EP11, (2) F032/35K, LLF= 0.73

500g (電子)



1684 Highert

1.0 5.0 9.0 13.0 3.0 7.0 11.0 X-AXIS USI's LITE*PRO U2.27E Point-By-Point Numeric Output 09:41 26-Jan-95 PROJECT: 60-090 AREA: KITCHEN GRID: Ceiling Uaiues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

AUE=47.4 AUE/MIN= 1.33 MAX/MIN= 1.72 MAX=61.2 - MIN=35.7

M3 <2> = K8566 COLUMBIA K440-T, (4) F40CW, LLF= 0.51

Y-AXIS

35.7	9° + 8°	+ 42.8	+42.8	39.9	35.7
+ 5+	51.9	55 +	55 55 1	51.9	+ 73 + 4
+ 20°8	m3 - 57.9	+ 61.2	+ 61.2	MB 57.9	50.8
+ R + R	0.10	55.1); 13.	0.10	+ 13 + 2
30.7	39.9	+ 4 2.8	+ 2.8	9 + 0	35.7
				- O	0
0	ர்	<u></u>	ເດ	m	

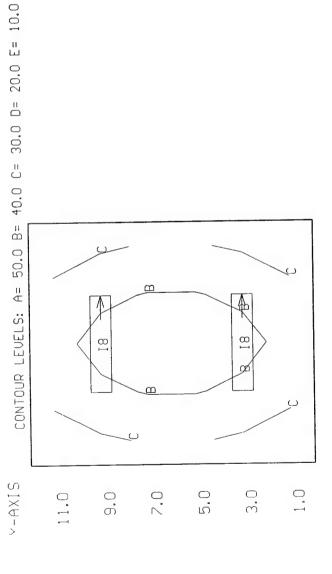
V. S. SAMO

9.0 X-AXIS J.

+ MIN=25.2

1.80 AUE,MIN= 1.37 MAX,MIN= AUE=34.5 MAX=45.3 18 <2> = 10417 COLUMBIA KL240-PAF-EOCT-SOLID, (2) F032/35K, LLF= 0.66

大型 (1997年) (1997年) (1997年)



8,201-2

0.6 7.0 X-AXIS 5.0 0.8 1.0

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 09:55 26-Jan-95 PROJECT: 60-090 AREA: HALL/ENTRANCE GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.00 MAX=75.9 AUE=41.8 AUE/MIN=N/A MAX/MIN=N/A

M3 <3> = K8966 COLUMBIA K440-T, (4) F40CW, LLF= 0.51

Y-AXIS					
17.0	+ 48.4	+ 53.5	+ 55.1	+ 52.2	+ 46.9
15.0	l .	67.5		1 1	
13.0	+ 59.7	M3 + 71.8	+ 75.9	M3 + 71.4	+ 62.2
11.0	+ 52.0	+ 58.9	69.3	+ 66.5	+ 59.5
9.0	0.00	+ 0.00	50.5	+ 59.6	+ 54.9
7.0	0.00	0.00	+ 8.3	()	
5.0	0.00	0.00	+ 44.9	M3 + 49.9	+ 48.1
3.0	0.00	0.00	+ 35.8	+ 39.2	+ 38.0
1.0	0.00	0.00	+ 26.2	+ 28.4	+ 28.1
	1.0		5.0		9.0

3.0

X AXIS

2.0

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:21 12-Mar-95 PROJECT: 60-090 AREA: HALL/ENTRANCE-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

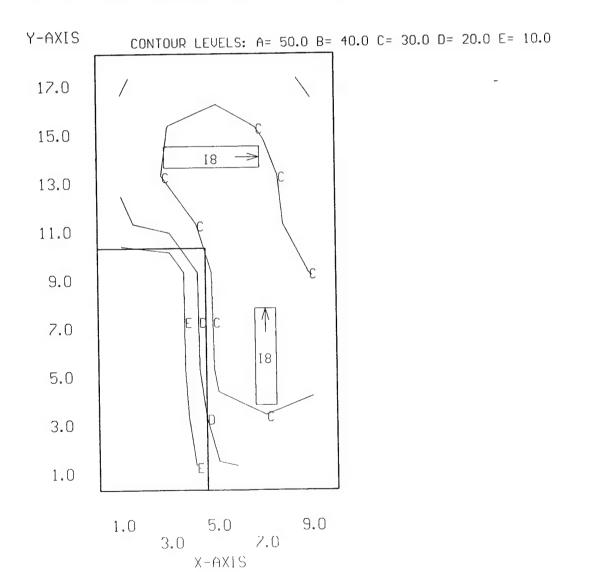
. Marchinellows

+ MIN=0.00 MAX=37.8 AUE=21.8 AUE/MIN=N/A MAX/MIN=N/A

N. 186.75

1. STANKE

 $18 \ \langle 2 \rangle = 10417 \ \text{COLUMBIA} \ \text{KL240-PAF-EOCT-SOLID}, \ \langle 2 \rangle \ \text{F032/35K}, \ \text{LLF= 0.66}$



14/2

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 10:08 26-Jan-95 DROJECT: 60-090 AREA: WOMENS TOILET GRID: Ceiling Jalues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

4.47 2.46 MAX/MIN= AUE/MIN= AUE=5.24 MAX=9.51 + MIN=2,13

2x <2> = B2008A PRESCOLITE 488HF-1, (1) 120ER40, LLF= 0.73 2Y <1> = B2008A PRESCOLITE 488HF-1, (1) 60A19/1F, LLF= 0.75

Y-AXIS

+ 4		کا +	+ 4	+ + + + + + + + + + + + + + + + + + +	4 7 7	ب م	+ 22	5.86	4,23
0		7 .	•	- - -		5			
+ 10° 00° 00°		5.63 5.63	+ .65	EXT + + + + + + + + + + + + + + + + + + +	+ 40	7.26	و الم	7,63	4.86
+		+	+	+	+	+	+ 22	+	+
4.68 5.29 3.73 2.13 4.05 7.09	5	.23	3.73	2.13	4.05	7.09	-41	9.38 7.44	4.97
L	L	ر ا		0.6		13.0		1.7.0	
3.0))	7.0) •	1.0		15.0		19.0
				X-AXIS	SIX				

Some Dr. 18

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:28 12-Mar-95 PROJECT: 60-090 AREA: WOMENS TOILET-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

5.46 2.68 MAX/MIN= AUE/MIN= AUE=6.48 MAX = 13.2+ MIN=2.42

C4 <2> = B1777A PRESCOLITE CF123526-462, (1) F26DTT/27K, LLF= 0.50 CF <1> = B1756A PRESCOLITE PBX-TB94, (2) F13DTT/27K, LLF= 0.63

Y-AXIS

.23	+03	+	91.	(18.0	
32 5	91 6		IU.S 8.79 6.16		_	
+ 0.	+ 07	+	α.	17.0		
8.93	D.:	V N		1	15.0	
7.02	+ 8.94	+	4.55	13.0		
5.50	+ 4.	+ '	5.01		11.0	X-AXIS
+.87	3.13	+	4,29 2,42 5,01 7,55	0.0		X-A
5.29	5.70 3.13 5.44 8.94 13.2 9.91 6.03	+	4.29		7.0	
3.54 5.28 6.51 5.29 4.87 5.50 7.02 8.93 7.32 5.23	9.99	+	6.97	5.0		
5.28	+ + 9 3.94 7.46 9.99	+	3.69 5.68 6.97		3.0	
3.54	+ °C	+	3.69	0.		
7.5	2.5	الا	n 0			

4180 15

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 10:12 26-Jan-95 PROJECT: 60-090 AREA: MENS TOILET GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

2.41 1.66 MAX/MIN= AUE/MIN= AUE=5.93 MAX=8.60 + MIN=3.58

2x < 1 > = 82008A PRESCOLITE 488HF-1, (1) 120ER40, LLF= 0.73 2 ? < 1 > = 82008A PRESCOLITE 488HF-1, (1) 60A19/1F, LLF= 0.75

V-AXIS

. 15M

0.5 4.5 8.5 2.5 X-AXIS

建 海滨

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 15:30 12-Mar-95 PROJECT: 60-090 AREA: MENS TOILET-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=4.34 MAX=12.7 AUE=7.44 AUE-MIN= 1.72 MAX-MIN=

2.93

C4 <1> = B1777A PRESCOLITE CF123526-462, (1) F26DTT/27K, LLF= 0.50 CF <1> = B1756A PRESCOLITE PBX-TB94, (2) F13DTT/27K, LLF= 0.63

Y-AXIS

0.5 4.5 8.5 2.5 X-AXIS

Bldg 60-630 Summary

_			-ixtures Watts		Wat	Wat	≯
						2 24	2 2 2 1 18 3
	_	_		59		59	
			59		59	2	195
Watts/ Fixture 23 59	Fixture 23	25 25	25		26		196
Fixture Type CQ F8	Type CQ F8	Q &	F8		 8 1	AN	
¥ 500	₹ O L	OL	L		_	2	_
Total Watts 384	atts 384	384		864	3,510	020) CC (
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	Number	Fixtures	2	0.	18	C	מ
	Watts/	Fixture	192	96	195	0 0	ဂင္
	Fixture	Tyne	7 7	T		1	-

reproperty.

60-630 Schedule

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule Generated by LitePro V2.27E Provided and supported by USI Lighting, Inc. Type: Indoor Filename: 60-630

Luminaire Fixture Schedule / PRESENT

Project name: PBA Lighting Survey - Bldg 60-630

Prepared for: Corps of Engineers
Prepared by: C. Warren

in Stage Sa

|Project #6941331 Date: 30-Jan-95

UPD: 0.7W/Sq.Ft

7	rype	DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS
I	 F1	2X4 4L FLUSH STATIC TROFFER LENS125" POLARIZED PATT.12 COLUMBIA 4PS2*-87-244	F40CW STD	000 - 192	2	
	J	7"X4' 2L WET LOCATION WRAP LENS- PRISMATIC BOTTOM & SIDES COLUMBIA LUN240-WL	F40CW STD	96	9	
	NA	SC = 1.8 GE LIGHTING U1GA15S	LU-150 STD	000 - 195	18	
	 XP	SC = 3.4 GE LIGHTING H2*10M	150A21/IF	000 - 150	\ 9	
	XQ	5"RECESS ROUND DOWNLIGHT, LOWER OPEN- CLEAR ALZAK REFLECTOR PRESCOLITE 1222-262	75A19/SW NA	000	1	

60-630 Schedule

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Luminaire Fixture Schedule Generated by LitePro V2.27E Provided and supported by USI Lighting, Inc. Type: Indoor Filename: 60-630

Luminaire Fixture Schedule / PROPOSED

Project name: PBA Lighting Survey - Bldg 60-630

Prepared for: Corps of Engineers

Prepared by: C. Warren

Project #6941331 Date: 13-Mar-95 UPD: 0.6W/Sq.Ft

Ī	TYPE	DESCRIPTION	LAMP/BALLAST	V/W	QTY	REMARKS
	CQ	8"1L(VERT) RECESS RND.DOWNLITE OPEN - CLR.REFL. W/ BLK.BAFFLE PRESCOLITE CF122518-B462	F18DTT/27K STD	000 - 23 	1	
	F8	2X4 2L FLUSH STATIC TROFFER LENS-PRISMATIC ACRYLIC PATT-19 COLUMBIA T84PS2*-84-242-2EOCT	FO32/31K EOCT	000 - 59	2	
	н8	8"X4' 2L DAMP LOCATION WRAP LENS- PRISMATIC BOTTOM & SIDES COLUMBIA LUN240-DMR	F032/35K EOCT	000 - 59	24	
	NA	SC = 1.8 GE LIGHTING U1GA15S	LU-150 STD	000 - 195	18	

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Area Summary Generated by LitePro V2.27E Provided and supported by USI Lighting, Inc. Filename: 60-630 Type: Indoor

Project Area Summary

Project name: PBA Lighting Survey - Bldg 60-630

Prepared for: Corps of Engineers
Prepared by: C. Warren

|Project #6941331 Date: 13-Mar-95 UPD: 0.7W/Sq.Ft

AREA NAME	DIMENSIONS	LUM	MINAIRES	W/SQ.FT	QTY
WAREHOUSE	120x60x12Ft	(18)	Type NA	0.5	1
SHIPPING	41x24x10Ft	(9)	Type XP	1.4	1
SHIPPING-N	41x24x10Ft	(15)	Туре Н8	0.9	1
EAK ROOM	13x16x8Ft	(2)	Type F1	1.8	1
BREAK ROOM-N	13x16x8Ft	(2)	Type F8	0.6	1
WOMENS TOILET	13x16x9Ft	(2)	Type J	0.9	1
WOMENS TOILET-N	13x16x9Ft	(2)	Туре Н8	0.6	1
MENS CHANGE RM	13x18x9Ft	(3)	Type J Type XQ	1.6	1!
MENS CHANG RM-N	13x18x9Ft	(1)	Type CQ Type H8	0.9	1
STORAGE	13x6x9Ft	(1)	туре Ј	1.2	1
STORAGE-N	13x6x9Ft	(1)	Туре Н8	0.8	1
OFFICE	12x11x8Ft	(3)	Туре Ј	2.2	1
OFFICE-N	12x11x8Ft	(3)	Туре Н8	1.3	1

60-630 Calculations

Reynolds, Smith & Hills, Inc. 4651 Salisbury Road Jacksonville, FL 32256 Buildings Engineering

Project Calculation Summary
Generated by LitePro V2.27E
Provided and supported by USI Lighting, Inc.
Filename: 60-630 Type: Indoor

Project Calculation Summary

Project name: PBA Lighting Survey - Bldg 60-630

WINE STEEL

Prepared for: Corps of Engineers

Prepared by: C. Warren

NOTES:

Project #6941331 Date: 13-Mar-95

UPD: 0.7W/Sq.Ft

AREA NAME	DIMENSIONS	GRID NAME	AV	E	MAX	MIN
WAREHOUSE	120x60x12Ft	Ceiling	<+>	13.2	24.7	0.0
SHIPPING	41x24x10Ft	Ceiling	<+>	10.9	12.4	9.6
HIPPING-N	41x24x10Ft	Ceiling	<+>	27.3	32.3	18.8
BREAK ROOM	13x16x8Ft	Ceiling	<+>	42.5	77.8	12.5
BREAK ROOM-N	13x16x8Ft	Ceiling	<+>	27.3	51.7	7.3
WOMENS TOILET	13x16x9Ft	Ceiling	<+>	14.4	39.0	0.1
WOMENS TOILET-N	13x16x9Ft	Ceiling	<+>	12.9	34.8	0.1
MENS CHANGE RM	13x18x9Ft	Ceiling	<+>	16.5	24.8	0.0
MENS CHANG RM-N	13x18x9Ft	Ceiling	<+>	14.2	22.1	0.0
STORAGE	13x6x9Ft	Ceiling	<+>	15.4	20.7	10.6
STORAGE-N	13x6x9Ft	Ceiling	<+>	13.7	18.5	9.5
OFFICE	12x11x8Ft	Ceiling	<+>	34.4	45.3	19.5
OFFICE-N	12x11x8Ft	Ceiling	<+>	30.7	40.4	17.4

13:58 30-Jan-95 are FC, SCALE: 1 IN= 16.0FT, HORZ GRID (U), HORZ CALC, Z= USI's LITE*PRO U2.27E Point-By-Point Numeric Output Computed in accordance with IES recommendations PROJECT: 60-630 AREA: WAREHÓUSE

+ MIN=0.00 MAX=24.7 AUE=13.2 AUE.MIN=N.A MAX.MIN=N.A

NA <18> = GE8360 GE LIGHTING UIGA15S, (1) LU-150, LLF= 0.71

Y-AXIS

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13.4 15.7 15.6 23.4 21.7 23.9 21.0 19.0 21.1 24.0 21.9 24.0 21.1 19.0 21.1 24.0 22.0 24.1 15.6 15.5 15.6 15.2 12.2 15.3 15.6 15.4 15.1 23.3 18.5 14.8 14.5 22.0 18.3 21.7 20.7 22.2 19.5 24.6 19.5 22.2 20.9 22.2 19.5 24.6 19.5 22.1 20.7 21.9 19.0 22.2 16.7 18.3 16.2 18.4 16.8 22.3 16.2 20.7 16.3 11.7 15.5 16.9 20.5 24.0 22.2 24.5 21.6 19.7 21.7 24.5 22.3 24.5 21.6 19.6 21.5 24.3 22.0 23.9 20.8 17.8 19.8 22.6 20.5 22.9 20.3 18.3 20.9 23.0 18.4 14.8 15.3 18.7 23.2 21.2 19.6 21.7 24.6 22.4 24.6 21.7 19.7 21.7 24.5 22.3 24.3 21.2 18.9 20.5 22.9 20.5 22.5 19.9 18.3 20.6 23.7 21.6 23.9 20.4 16.9 15.2 12.2 16.6 21.0 15.2 24.6 15.6 22.4 21.0 22.4 19.6 24.7 15.6 22.3 20.8 21.9 18.8 25.3 17.1 18.3 15.0 18.1 16.8 25.0 18.7 20.6 21.8 18.4 22.4 15.0 15.3 22.0 16.9 18.7 16.7 18.9 17.3 22.9 17.3 18.8 16.7 18.7 17.1 22.4 16.1 16.3 10.9 0.04 0.03 0.04 4.40 6.68 10.9 16.6 16.1 22.1 16.3 17.0 11.8 8.05 15.0 15.3 15.6 15.3 12.3 15.4 15.8 15.6 15.7 15.3 12.2 15.6 15.3 14.6 12.2 6.31 0.02 0.02 0.02 1.29 3.62 6.89 13.1 14.5 14.7 14.7 13.5 8.03 5.60 14.1 13.6 12.0 16.2 21.3 19.7 18.2 20.3 23.0 20.7 23.0 20.4 18.5 20.4 23.0 20.7 23.0 20.5 19.2 0.00 0.09 0.10 0.10 0.11 0.11 0.10 0.09 0.08 0.08 0.08 0.08 17.2 15.2 6.53 11.0 16.5 16.0 22.1 16.7 18.3 16.3 18.4 16.8 22.5 16.8 18.4 16.3 18.4 16.8 21.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.12 0.11 0.10 0.09 0.07 0.07 0.28 20.9 14.1 4.54 7.60 13.4 14.7 15.0 15.3 14.9 11.9 15.1 15.5 15.4 15.5 15.2 12.0 14.8 14.3 14.2 0.00 0.06 0.06 0.07 0.09 0.10 0.11 0.10 0.09 0.07 0.06 0.05 10.0 22.0 58.0 30.0 54.0 50.0 46.0 42.0

^{30.0 38.0 42.0 50.0 58.0 66.0 74.0 82.0 90.0 98.0 102.0 110.0 118.0 108.0 38.0 46.0 54.0} x-AXIS 18.0 26.0 22.0

"福州湖南"

2.5 USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:09 30-Jan-95 HORZ CALC, Values are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), Computed in accordance with IES recommendations PROJECT: 60-630 AREA: SHIPPING GRID: Ceiling

+ MIN=9.60 MAX=12.4 AUE=10.9 AUE_MIN= 1.14 MAX_MIN= 1.

XP <9> = GE8323 GE LIGHTING H2*10M, <1> 150A21/IF, LLF = 0.73

SIXH-X

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11.2 10 () 3 10.8 10.4 10.4 10.4 10.8 10.8 10.4 10.8 10.8 10.8 10.8 10.4 10.4 10.8 10.3 10 () 11.2 10.6 10.2 10.1 10.4 10.5 10.1 10.1 10.4 10.2 9.82 10.2 10.4 10.1 10.1 10.5 10.4 10.1 10.5 10.4 10.1 10.2 10.6 1.2.2 12.2 11.9 11.9 11.9 11.3 10.7 10.7 11.3 11.8 11.5 11.5 11.8 11.3 10.7 10.7 11.3 11.9 11.9 12.0 12.2 11.8 11 (A) 1.5 11.4 11.9 10.9 10.9 11.4 11.4 11.4 11.4 11.4 11.4 10.9 10.9 11.4 11.6 11 (A) 1.8 11.8 11.8 11.6 11.5 11.6 11.4 10.9 10.9 11.4 11.4 11.1 11.1 11.4 10.9 10.9 11.4 11.6 11.5 11.6 11.8 12.4 12.2 12.1 12.1 11.5 10.8 10.8 11.4 12.0 11.7 11.7 12.0 11.4 10.8 10.8 11.5 12.1 12.1 12.1 12.2 12.4 10.4 10.2 10.1 10.4 10.0 9,65 9.60 9,89 10.2 9,83 9,83 10.2 9,89 9,60 9,65 10.0 10.4 10.1 10.2 10.4 10.6 10 2 0.4 10.5 10.1 10.1 10.1 10.4 10.2 9. 2 0. 0.2 10.2 10.4 10.1 10.1 10.5 10.4 10.4 10.5 10.4 10.6 10.6 11.2 10.9 10.8 10.9 10.8 10.4 10.4 10.8 10.4 10.4 10.8 10.8 10.4 10.4 10.8 10.9 10.8 10.9 10.8 10.9 10.8 12.4 12.2 12.1 12.1 11.5 10.8 10.8 11.4 12.0 11.7 11.7 12.0 11.4 10.8 10.8 11.5 12.1 12.1 12.2 12.4 10.4 10.2 10.1 10.4 10.0 9.65 9.60 9.89 10.2 9.83 9.83 10.2 9.89 9.60 9.65 10.0 10.4 10.1 10.2 10.4 1.0 17.0 က် 13.0 11.0 7.0 23.0 21.0

1.5 3.5 7.5 11.5 15.5 23.5 23.5 27.5 31.5 35.5 39.5 x-AXIS

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2.5 13:35 13-Mar-95 Ualues are FC, SCALE: 1 IN= 8.0FT, HORZ GRID (U), HORZ CALC, USI's LITE*PRO U2.27E Point-By-Point Numeric Output PROJECT: 60-630 AREA: SHIPPING-N GRID: Ceiling Computed in accordance with IES recommendations 1.72 1.45 MAX/MIN= AUE/MIN= AUE=27.3 MAX=32.3 MIN=18.8

H8 <15> = K9801 COLUMBIA LUN240-DMR, (2) F032/35K, LLF= 0.66

21.5 24.6 26.0 26.1 26.7 27.4 27.4 28.3 28.2 27.4 27.4 27.4 27.4 27.5 26.7 26.7 26.1 26.0 24.6 21.5 23.2 26.27.7.9 28.6 29.3 30.24.30.4 30.2 30.4 30.8 30.4 30.8 30.4 30.2 30.4 430.2 29.3 28.6 27.946.2 23.2 23.9 27.4 89.3 29.7 30.4 31.4 31.9 31.3 31.5 32.4 32.3 31.5 31.3 31.4 31.6 30.4 29.7 29.7 8 7.6 23.9 23.9 27.4 29.3 29.7 30.4 31.4 31.9 31.3 31.5 32.3 31.5 31.5 31.3 31.9 31.6 30.4 29.7 29.3 27.6 23.9 23.2 26.2 27.9 28.6 29.3 30.2 30.4 30.2 30.4 30.8 30.8 30.8 30.4 30.2 30.4 30.2 29.3 28.6 27.9 26.2 23.2 18.8 20.8 21.9 22.3 22.7 23.4 23.5 23.3 23.4 23.7 23.7 23.4 23.3 23.5 23.4 22.7 22.2 23.4 20.8 18.8 22.8 25.8 27.5 28.1 28.8 29.6 29.8 29.7 29.7 30.2 30.2 29.7 29.7 29.8 29.6 28.8 28.1 27.5 25.8 22.8 21.5 24. 6 86.0 26.1 26.7 27.4 87.9 27.4 28.4 88.2 27.4 27.4 27.4 27.4 87.2 26.7 26.1 26.4 84.6 21.5 18.5 20.8 27.9 22.3 22.7 23.4 23.5 23.3 23.4 23.7 23.7 23.4 23.3 23.4 23.3 23.4 22.3 21.3 21.3 20.8 18.8 22.7. 26. 1 27. 2.7. 2 28.5 29. 4 29.3 29.4 30. 4 30. 2 38.4 29.3 29.9 29.6 28.5 27.9 27.7 26.1 22.7 0 13.0 o o 0.0 15.0 11.0 ဝ တ် 7.0 17.0 Y-FX: 5 21.0 19.0

 $e^{\frac{i(k_1-k_2)}{2} \frac{k_1-k_2}{k_1-k_2}}$

1.5 3.5 7.5 11.5 15.5 23.5 25.5 29.5 33.5 39.5 39.5 x-Axis

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:17 30-Jan-95 PROJECT: 60-630 AREA: BREAK ROOM GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=12.5 MAX=77.8 AUE=42.5 AUE/MIN= 3.41 MAX/MIN= 6.24

F1 $\langle 2 \rangle$ = 9753 COLUMBIA 4PS2*-87-244, (4) F40CW, LLF= 0.68

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Y-AXIS

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15.0	12.5 17.9 22.9 22.9 17.9 12.5
13.0	+ + + + + + + + 19.1 32.2 44.0 44.0 32.2 19.1
11.0	26.0 47.1 67.1 _{F1} 67.1 47.1 26.0
9.0	+ + + + + + 29.8 54.1 77.2 77.2 54.1 29.8
7.0	+ + + + + + + + + + 30.8 55.4 77.8 77.8 55.4 30.8
5.0	30.1 54.6 77.8 54.6 30.1
3.0	26.8 48.2 68.5 68.5 48.2 26.8
1.0	20.3 33.6 46.6 46.6 33.6 20.3
	1.5 5.5 9.5

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:38 13-Mar-95 PROJECT: 60-630 AREA: BREAK ROOM-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

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+ MIN=7.34 MAX=51.7 AUE=27.3 AUE/MIN= 3.72 MAX/MIN= 7.05

F8 $\langle 2 \rangle$ = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

Y-AXIS 15.0 15.5 11.4 7.34 15.5 11.4 13.0 21.0 28.2 28.2 21.0 12.2 11.0 9.0 50.2 34.9 19.1 7.0 51.7 51.7 37.5 20.5 37.5 20.5 5.0 35.2 3.0 41.9 41.9 29.8 29.8 1.0 29.7 21.8 21.8 29.7

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:26 30-Jan-95 PROJECT: 60-630 AREA: WOMENS TOILET GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

一个特别的特色的

AUE/MIN= 114.93 MAX/MIN= 310.31 AUE=14.4 MAX = 39.0+ MIN=0.12

J $\langle 2 \rangle$ = K9801X COLUMBIA LUN240-WL, (2) F40CW, LLF= 0.68

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			/\	1	\sim

15.0	35.6 39.0 27.9 16.7 10.3 7.36
13.0	+ + + + + + + + 26.7 29.3 24.4 17.3 12.0 8.59
11.0	+ + + + + + + + 18.5 21.6 21.8 18.8 14.1 9.78
9.0	14.4 18.7 21.6 20.4 15.5 10.5
7.0	+ + + + + + + + 12.1 16.3 19.7 19.2 14.8 10.2
5.0	9.80 13.1 15.3 15.0 12.2 8.85
3.0	0.12 0.17 10.4 10.4 9.05 7.22
1.0	0.13 0.17 7.54 7.65 6.93 5.99
	1.5 5.5 9.5 3.5 7.5 11.5

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USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:40 13-Mar-95 PROJECT: 60-630 AREA: WOMENS TOILET-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.11 MAX=34.8 AUE=12.9 AUE/MIN= 114.93 MAX/MIN= 310.31

H8 <2> = K9801 COLUMBIA LUN240-DMR, (2) F032/35K, LLF= 0.66

Y-AXIS	
15.0	H8 -> + + + + + + + 31.8 34.8 24.9 14.9 9.18 6.57
13.0	+ + + + + + + 23.8 26.1 21.7 15.5 10.7 7.66
11.0	+ + + + + + + + + + + + + + + + + + +
9.0	12.8 16.6 19.3 18.2 13.8 9.36
7.0	10.7 14.5 17.6 17.1 13.2 9.06
5.0	8.74 11.7 13.6 13.4 10.9 7.89
3.0	0.11 0.15 9.25 9.32 8.07 6.44
1.0	+ + + + + + + 0.12 0.15 6.72 6.83 6.18 5.35
	1.5 5.5 9.5 3.5 7.5 11.5 X-AXIS

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 14:36 30-Jan-95 PROJECT: 60-630 AREA: MENS CHANGE RM GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

+ MIN=0.00 MAX=24.8 AUE=16.5 AUE/MIN=N/A MAX/MIN=N/A

化理解的模块

J $\langle 3 \rangle$ = K9801X COLUMBIA LUN240-WL, (2) F40CW, LLF= 0.68 XQ $\langle 1 \rangle$ = B1999A PRESCOLITE 1222-262, (1) 75A19/SW, LLF= 0.82

Y-AXIS						
17.0	+ 16.8	† 18.5	18.2	+ 17.4	+ 17.4	+ 17.8
15.0					± 21.0	
13.0	21.9	7 24.8	23.8	+ 21.7	+ 21.6	22.9
11.0	21.1	+ 23.4	+ 22.5	+ 20.5	+ 18.6	19.5
9.0	+ 20.2	21.5	20.6	0.00	0.00	0.00
7.0	21.5	21.9	+ 18.9	+ 5.63	7.19	+ 6.39
5.0	23.1	23.5	+ 20.2	+ 7.63	+ 1 0×2	* 8.82
3.0					+ 9.36	
1.0	+ 18.6	+ 18.2	+ 14.6	+ 4.43	+ 5.83	+ 5.26
	1.5	3.5	5.5 X-6		9.5	11.5

USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:45 13-Mar-95 PROJECT: 60-630 AREA: MENS CHANG RM-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

4.5

+ MIN=0.00 MAX=22.1 AUE=14.2 AUE/MIN=N/A MAX/MIN=N/A

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Y-AXIS

3.0

1.0

16.6 16.3

CQ (1) = B2125A PRESCOLITE CF122518-B462, (1) F18DTT/27K, LLF= 0.50 H8 (3) = K9801 COLUMBIA LUN240-DMR, (2) F032/35K, LLF= 0.66

17.0	+ 15.0	+ 16.5	+ 16.3	+ 15.5	15.5	15.9
15.0	+ 18.1	+ 20.6	+ 19.9	+ 18.3	+ 18.7	19.7
13.0	19.5	<u>ң</u> 8 22.1	21.3	+ 19.3	19.3	+ 20.4
11.0	+ 18.9	+ 20.9	+ 20.1	+ 18.3	+ 16.6	
9.0	18.0	19.1	18.3	0.00	0.00	0.00
7.0	19.2	+	+ 16.8	+ 2.31	+ 3.44	+ 2.77
5.0	20.6	20.9	+ 18.0	+ 3.90	100	+ 6.22
		+	+	+	+	+

20.0 | 20.1 | 17.0 | 3.31 | 7.66 | 4.84

13.0

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USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:47 30-Jan-95 PROJECT: 60-630 AREA: STORAGE GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

1.95 1.45 MAX/MIN= AUE/MIN= AUE=15.4 MAX=20.7 + MIN=10.6

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j <1> = K9801X COLUMBIA LUN240-WL, (2) F40CW, LLF= 0.68

V-AXIS

www.

. 13 7.5 X-AXIS . 5 3.5 5

2.5 USI's LITE*PRO V2.27E Point-By-Point Numeric Output 13:47 13-Mar-95 PROJECT: 60-630 AREA: STORAĜE-N GRID: Ceiling Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (V), HORZ CALC, Z= Computed in accordance with IES recommendations

1.95 1.45 MAX/MIN= AUE/MIN= AUE=13.7 MAX=18.5 + MIN=9.47

-03/6/ALL

H8 <1> = K9801 COLUMBIA LUN240-DMR, <2> F032/35K, LLF= 0.66

Y-AXIS

V 1,900, ...

1.5 5.5 9.5 11.5 X-AXIS

USI's LITE*PRO U2.27E Point-By-Point Numeric Output 14:52 30-Jan-95 PROJECT: 60-630 AREA: OFFICE GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations

AUE,MIN= 1.77 MAX,MIN= 2.33

AUE=34.4

MAX=45.3

+ MIN=19.5

; <3> = K9801X COLUMBIA LUN240-WL, (2) F40CW, LLF= 0.68

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V-AXIS

32.5	29.1	+ 23.7	19.5
+1.5	38.5	32.3	26.2
+45.2	+ 4 + 8	40.2	32.8 32.6
45.3	+5.0	40.3	32.8
41.6	38.7	32.7	+ 26.4
32.5	+ 29.2	23.9	19.7
Ŋ	Ŋ	ال	ហ
	32.5 41.6 45.3 45.2 41.5	5	32.5 41.6 45.3 45.2 41.5 + + + + + + + + + + + + + + + + + + +

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7.0 X-AXIS 3.0 1.0

PROJECT: 60-630 AREA: OFFICE-N GRID: Ceiling Ualues are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5 Computed in accordance with IES recommendations USI's LITE*PRO U2.27E Point-By-Point Numeric Output 13:49 13-Mar-95

2.33 1.77 MAX/MIN= AUE/MIN= AUE=30.7 MAX=40.4 + MIN=17.4

H8 <3> = K9801 COLUMBIA LUN240-DMR, (2) F032/35K, LLF= 0.66

Y-AXIS

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1.0 5.0 9.0 3.0 7.0 11.0 X-AXIS P. Cu.

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